

# GRAIN DEALERS JOURNAL

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TEN CENTS PER COPY

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# Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

## AMARILLO, TEX.

Beasley Grain Co., J. N., whole, grain, field seeds.\*  
Panhandle Gr. & Elevtr. Co., whole, gr., fld. seeds.\*  
Plains Gr. Co., E. S. Blasdel, millet, cane, kafir.\*

## ATCHISON, KANS.

Blair Elevator Co., receivers & shippers.\*

## ATHENS, GA.

Eppes, Wm. E., grain, hay, flour, produce.

## ATLANTA, GA.

Gregg & Son, J., wholesale brokers, grain, hay.\*

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Dennis & Co., grain merchants.\*  
England & Co., Chas., grain, hay.\*  
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Gill & Fisher, receivers and shippers of grain.\*  
Hammond, Snyder & Co., Inc., receivers, expts.\*  
Hax & Co., G. A., grain, hay, seeds\*  
Lederer Bros., grain receivers.\*  
Manger & Co., J. A., grain, seeds, hay.\*  
Robinson & Jackson, gr. com. merchants.\*

## BLOOMINGTON, ILL.

Baldwin Grain Co., brokers.\*  
Slick & Co., L. E., grain brokers.  
Worth-Gyles Grain Co., cash and future grain.\*

## BOSTON, MASS.

Chamber of Commerce Members.  
Benzaguin, Matthew D., grain brokerage, com'n.\*  
Colbert, Thos. F., grain and millfeed.  
Cressy, Fred L., hay, grain, bkg. com.  
Howlett Co., E. C., grain brokers.  
Jaquith, Parker, Smith & Co., wheat barley mltlo.\*  
Merigold & Co., A. L., chicken wheat specialists.  
Southworth, J. E., gr. broker, export fdwdr.

## BUFFALO, N. Y.

Corn Exchange Members.  
Buffalo Grain Co., recvrs., fdwrs, consignments.  
Burns Grain Co., grain commission.\*  
Churchill Gr. & Seed Co., recvrs., shippers.\*  
Doorty-Ellsworth Co., Inc., brokerage commission.\*  
Electric Grain Elevtr. Co., consignments.\*  
Globe Elevator Co., grain & grain prdts.\*  
Harold, A. W., grain, barley a specialty.  
Heathfield & Co., Inc., W. G., strictly com'n.\*  
Irwin, Dudley M., barley.\*  
Pratt & Co., receivers, shippers of grain.\*  
Ratcliffe, S. M., commission merchant.  
Urmston Grain Co., grain commission.\*

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Magee-Lynch Grain Co., grain.\*  
Thistlewood & Co., grain and hay.

## CEDAR RAPIDS, IOWA.

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Baldwin & Co., H. L., grain brokers.

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Bailey & Co., E. W., grain commis'n merchants.\*  
Bartlett-Frazier Co., grain merchants.\*  
Bennett & Co., Jas. E., commission merchants.\*  
Bridge & Leonard, grain commission.  
Carhart Code Harwood Co., grain commission.\*  
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Gerstenberg & Co., grain, seeds.\*  
Harris, Winthrop & Co., W. K. Mitchell, Mgr.\*  
Hitch & Carder, commission merchants.  
Holt & Co., Lowell, commission, grain and seeds.  
Lauson Bros. & Co., consignments solicited.\*  
Lewis & Co., F. B., barley & provisions.\*  
Logan & Bryan, options, cash grain.\*  
Lovitz & Co., E., grain commission.\*  
McKenna & Rodgers, commission merchants.\*  
Merritt Co., W. H., grain, seeds.\*  
Mumford & Co., W. R., grain, hay, millstuffs.\*  
Norris Grain Co., grain merchants.\*  
Paynter, H. M., grain and field seeds.  
Perrine & Co., W. H., grain and commission.\*  
Press & Co., W. G., grain, provisions, stocks, etc.  
Quaker Oats Co., buyers of grain.  
Rogers Grain Co., commission merchants.  
Rosenbaum Bros., receivers, shippers.\*  
Rothschild Co., F., barley and malt.  
Rothschild Co., The Moses, general grain com'n.\*  
Rumsey & Company, grain commission.\*  
Sawers Grain Co., grain commission.\*  
Schiffin & Co., P. H., commission.\*  
Shaffer & Co., J. C., grain merchants.\*  
Simons, Day & Co., grain merchants.  
Sincere & Co., Chas., N. Y. stocks, Chicago grain.  
Somers, Jones & Co., grain and field seeds.\*  
Thayer & Co., C. H., receivers-shippers.\*  
Wagner Co., E. W., receivers and shippers.\*  
Ware & Leland, grain and seeds.\*

## CINCINNATI, O.

Chamber of Commerce Members.  
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Gowling & Fleming, grain and hay comsn.\*

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Grain and Hay Exchange Members.  
Bailey, E. I., grain and millfeed.\*  
Cleveland Grain Co., The, receivers and shippers.\*  
Gates Elevtr. Co., The, recvrs. & shprs.\*  
Lake Shore Elevtr. Co., grain and feed.\*  
Sheets Elevator Co., The, grain, hay, straw.\*  
Shepard, Clark & Co., grain merchants.\*  
Star Elevtr. Co., receivers, grain, hay, straw.\*  
Strauss & Co., H. M., grain, seeds, hay, straw.\*  
Union Elevator Co., The, grain and hay.\*

## COLUMBUS, O.

Myers & Baughman, grain and hay.

## DAVENPORT, IOWA.

Merchants Elevtr. Co., buyers-sellers all grns.  
Purity Oats Co., buyers of grain.

## DECATUR, ILL.

Duncan & Co., L. E., grain brokers.

## DENVER, COLO.

Grain Exchange Members.  
Ady & Crowe Merc. Co., Inc., grain & hay.  
Ayres Mercantile Co., The, F. C., milling wheat.\*  
Best & Co., J. D., buy and sell all grains.\*  
Crescent Mill & Elevtr. Co., The, wheat, corn, oats.\*  
Denver Elevator Co., The, grain merchants.\*  
Farmers Grain Co., receivers, shippers.\*  
Hungarian Mill & Elevtr. Co., receivers.  
O'Donnell Grain Co., wholesale grain.\*  
Summit Gr'n & Coal Co., wh't, corn, oats, rye, bly.\*  
Thompson Merc. Co., The, W. E., wholesale hay.

## DES MOINES, IOWA.

Marshall Hall Grain Co., grain com.\*

## DETROIT, MICH.

Board of Trade Members.  
Carson & Co., H. C., beans, wheat, oats.\*  
Caughy-Jossman Co., grain & seeds.\*  
Dumont, Roberts & Co., receivers, shippers.\*  
Huston, C. R., gr., hay comgits, a specialty.\*  
Lichtenberg & Son, oats, corn, hay, straw.  
Simmons & Co., F. J., grain & hay.\*  
Swift Grain Co., receivers & shippers.\*

## DULUTH, MINN.

Board of Trade Members.  
United Grain Co., grain commission.

## ENID, OKLA.

White Grain Co., The, receivers and shippers.\*

## FORT WORTH, TEX.

Grain and Cotton Exchange Members.  
Dorsey Grain Co., receivers, shippers.

## FOWLER, IND.

Hartley, A. E., cash grain & brokerage.

## FRANKFORT, IND.

Frank & Co., William, grain brokers.

## GREENVILLE, O.

Grubbs Grain Co., E. A., track buyers.\*

## HASTINGS, NEBR.

Stockham Grain Co., E., whole grain & feed.\*

## HOUSTON, TEX.

Gulf Grain Co., grain, hay, millfeed.\*

## HUTCHINSON, KAN.

Board of Trade Members.  
Bolin Hall Grain Co., Kansas hard wheat.  
Hayes Grain Co., John, receivers & shippers.  
Kemper Grain Co., receivers & shippers.  
Liberal Elevtr. Co., receivers and shippers.  
Pettit Grain Co., L. H., gr. com., recvrs., shprs.\*

## INDIANAPOLIS, IND.

Board of Trade Members.  
Belt Elevtr. & Feed Co., receivers and shippers.  
Bingham-Hewett-Scholl Co., grain merchants.\*  
Boyd Grain Co., Bert A., strictly brkg. & com.\*  
Heinmiller Grain Co., receivers and shippers.  
Hoosier Grain Co., consignments only.  
Kinney Grain Co., H. E., receiver and shipper.\*  
Lovitz & Co., E., grain commission.\*  
Minor, B. B., grain consignments solicited.  
Montgomery & Tompkins, receivers and shippers.  
Mutual Grain Co., grain commission.\*  
Rich Grain Co., grain commission.\*  
Shotwell & Co., C. A., commission, bkg.  
Star Elevator Co., grain merchants.\*  
Urmston Grain Co., receivers & shippers.\*  
Witt, Frank A., grain commission & brokerage.\*

## JACKSON, MICH.

Stockbridge Elevtr., trk. buyers, slrs., gr. & sds.

## KANSAS CITY, MO.

Board of Trade Members.  
Addison-Benton Grain Co., consignments.  
Aylsworth Grain Co., receivers, shippers.\*  
Bruce Bros. Grain Co., consignments.  
Christopher & Co., B. C., grain commission.\*  
Croysdale Grain Co., grain commission.  
Davis Grain Co., A. C., grain commission.  
Denton Kuhn Gr. Co., consignments.\*  
Dilts, Jr., & Co., Wm. G., grain merchants.\*  
Ernst-Davis Grain Co., commission.\*  
Fisher Gr. Co., C. V., receivers & shippers of gr.\*  
Fowler Grain Co., Lev., receivers & shippers.  
Fox-Miller Grain Co., receivers and shippers.  
Glover, John I., grain merchant.\*  
Goffe & Carkner, recvrs. and shprs. of grain.\*  
Hargis Grain Co., B. F., mlg. wheat, futures.  
Hinds Grain Co., The, receivers, shippers.  
Kemper Mill & Elevtr. Co., grain and feed.\*  
Logan Bros. Grain Co., grain merchants.\*  
Mensendieck Grain Co., consignments.\*  
Moore-Lawless Grain Co., grain receivers.\*  
Moore-Seaver Grain Co., receivers & shippers.\*  
Morrison Grain Co., consignments.  
Murphy Grain Co., grain commission.\*  
Norris Grain Co., grain merchants and exporters.  
Parker Corn Co., corn, oats, kafir, mltlo.\*  
Roalson Grain Co., E. E., grain, flour, millfeed.\*  
Sculiar-Bishop Grain Co., consignments.\*  
Simonds-Shields-Lonsdale Gr. Co., recvrs.-expts.\*  
Terminal Elevators, receivers, shippers.\*  
Twiddle-Wright Grain Co., consignments-futures.  
Thresher Fuller Grain Co., grain commission.\*  
Vanderslice-Lynds Co., commission merchants.\*

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Munn-Burrow Brokerage Co., grain, hay millfeed.\*

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Callahan & Sons, receivers and shippers of grain.\*  
Edinger & Co., grain, hay, flour.  
Fruechtenicht, Henry, hay, grain, mill products.\*

## LYNCHBURG, VA.

Mason & Son, Lewis E., grain, hay, feed.  
Moon-Taylor Co., grain and hay brokers.\*

## MANSFIELD, OHIO.

Goemann Grain Co., grain buyers.\*

## MEMPHIS, TENN.

Merchants Exchange Members.  
Buxton, E. E., broker and commission merchant.\*  
Davis & Andrews Co., grain dealers.\*  
Hasenwinkle Co., H. J., consignments.  
U. S. Feed Co., grain, hay, millfeed.  
Webb & Maury, brokers and com. merchants.\*

## MERCER, MO.

Alley Grain Co., oats, corn, wheat, seeds.\*

## MIDDLETOWN, CONN.

Meech & Stoddard, Inc., grain, feed, hay, flour.\*

## MILWAUKEE, WIS.

Chamber of Commerce Members.  
Bell Co., W. M., receivers & shippers.\*  
Buerger Com. Co., grain & seed receivers.  
Donahue Stratton Co., grain merchants.\*  
Kamm Company, P. C., barley and rye.\*  
Owen & Brother Co., grain commission.  
Rankin, M. G., & Co., grain and feed.  
Rialto Elevtr. Co., grain receivers & shippers.\*  
Stacks & Kellogg, grain merchants.\*  
Taylor & Bourneque Co., shprs. corn, oats, barley.\*

## MINNEAPOLIS, MINN.

Chamber of Commerce Members.  
Benson, Stabeck Co., grain com.\*  
Carter, Sammis & Co., grain commission.  
Cereal Grading Co., grain merchants.\*  
Dalrymple Co., William, gr. com.\*  
Davies & Co., F. M., grain commission.\*  
Gatchell-Tanton Co., grain commission.  
Hankinson & Co., H. L., grain commission.  
Lewis & Co., Chas. E., consignments.\*  
Marfield Grain Co., grain commission.\*  
McCaull Dinsmore Co., consignments solicited.\*  
Minnesota Grain Co., grain commission.\*  
Quinn Shepherdson Co., grain commission.\*  
Randall, Gee & Mitchell, grain com.  
Stair, Christensen & Tismerman, gr. commission.\*  
Van Dusen-Harrington Co., grain merchants.\*  
Wernli-Anderson Co., grain commission.  
Woodward Newhouse Co., grain merchants.  
Zimmerman, Otto A., barley & oats my spec'ity.\*

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Smith & Wallace Co., J. C., receivers, shippers.

## NEW CASTLE, PA.

Hamilton Co., The, gr., hay, straw, millfeed, pro.

## NEW ORLEANS, LA.

Steel Co., The J. H. W., gr. frt. brok. & forwdrs.\*



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In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

### NEW YORK CITY.

Produce Exchange Members.  
Brainard Commission Co., consignments.\*  
Jones & Co., M. B., buyers—quote us.\*  
Knight & McDougal, commission merchants.\*  
Simpson, Hendee & Co., grain receivers.\*

### OKLAHOMA CITY, OKLA.

Grain Exchange Members.  
Cherokee Grain Co., wholesale grain and hay.\*  
Creamer-Gregg Gr. Co., always in the market.  
Drennan Grain Co., R. H., consignments.  
Dustin Grain Co., grain, feed, seeds.\*  
Langenberg Bros. Gr. Co., grain merchants.\*  
Marshall Grain Co., grain merchants.\*  
Oklahoma Export Co., mfg. wheat wanted.\*  
Okla. City M. & E. Co., grain mer., mlrs.\*  
Perkins Grain Co., W. L., we buy & sell.\*  
Rutledge Grain Co., com. merchants.

### OMAHA, NEBR.

Grain Exchange Members.  
Adams-Whyte Grain Co., consignments.\*  
Beall Com'n Co., receivers & shippers.\*  
Blanchard-Niswonger Co., recvrs. & shprs.\*  
Crowell Elevator Co., receivers, shippers.\*  
Dawson Grain Co., grain commission.  
Holmquist Elevator Co., receivers and shippers.\*  
Leopold, Todd Gr. Co., com. mer., recvrs. & shprs.\*  
Merriam Commission Co., consignments.\*  
Omaha Elevator Co., receivers, shippers.\*  
Roberts Grain Co., Geo. A., grain merchants.\*  
Trans-Mississippi Grain Co., recvrs. & shprs.\*  
United Grain Co., grain commission.  
Updike Grain Co., consignments.\*

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Buckley, Pursley & Co., grain and seeds.\*  
Cole Grain Co., Geo. W., grain com. mchts.\*  
Consumers Grain Co., grain receivers.\*  
Dewey & Sons, W. W., grain commission.\*  
Feltman Grain Co., C. H., grain commission.\*  
Grier & Co., T. A., grain commission.\*  
Harwood-Young Co., grain commission.  
McFadden & Co., G. C., consignments.\*  
Miles, P. B. & C. C., grain commission.\*  
Mueller Grain Co., receivers and shippers.\*  
Rumsey, Moore & Co., grain receivers.\*  
Smith-Hamilton Grain Co., brokerage.  
Tyng, Hall & Co., grain commission.\*

### PHILADELPHIA, PA.

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Dunwoody Co., E. L., flour, grain, feed.\*  
Graft & Son, L. G., receivers and exporters.\*  
Lemont & Son, E. K., hay, grain, millfeed.  
Miller & Sons, L. F., grain, seeds, hay.\*  
Richardson Bros., grain, flour, millfeeds.\*  
Richardson, Geo. M., grain and feeds.\*  
Rogers & Co., E. L., hay, straw, grain, feed.\*  
Stites, A. Judson, grain and millfeed.\*  
Stover, I. S., grain and flour.

### PINE BLUFF, ARK.

Riley Feed Mfg. Co., mfrs., alfalfa, molasses & chicken feeds; jobbers mill feeds & cereals.

### PITTSBURGH, PA.

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Geldel & Leubin, grain and hay.\*  
Heck & Co., W. F., grain, hay and millfeed.\*  
Herb Bros. & Martin, grain and hay.\*  
McCague, R. S., grain, hay.\*  
Smith & Co., J. W., grain, hay.\*  
Stewart, D. G., grain, hay, feed.\*  
Walton Co., Samuel, grain and hay.\*

### PONTIAC, ILL.

Balbach, Paul A., grain buyer, all markets.

### PUEBLO, COLO.

McClelland McT'l I. & R. Co., grain, hay & feed.\*

### RICHMOND, VA.

Adams Grain & Prov. Co., seeds, grain, feed, hay.  
Beveridge & Co., S. T., grain, hay, feeds, seeds.

### SALINA, KANS.

Williamson Grain Co., grain com'son.

### ST. JOSEPH, MO.

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Aunt Jemima Mills Co., hominy feed.\*  
Brunswick Grain Co., A. J., receivers & expts.\*  
Elwood Grain Co., brokers & shippers wheat, corn.\*  
Carter Grain Co., G. W., consignments.\*  
Gordon Comm. Co., T. P., grain dir. and broker.\*  
Marshall Hall Grain Co., consignments solicited.\*  
St. Joseph Public Elevr. Co., public storage.

### ST. LOUIS, MO.

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Aid Bros. Grain Co., grain, hay, millfeed.  
Elmore Schultz Gr. Co., recvrs. & shprs. grain.\*  
Goffe & Carkner Co., grain commission.\*  
Graham & Martin Grain Co., grain commission.\*  
Marshall Hall Grain Co., grain com.\*  
Langenberg Bros. Grain Co., grain commission.\*  
Nanson Commission Co., grain commission.\*  
Picker & Beardsley Com. Co., grain & grass seed.\*  
Parrott-Day Co., wheat, corn, oats, seeds.\*  
Teasdale Com. Co., J. H., recvrs. & shippers.\*  
Toberman, Mackey & Co., grain, hay, seeds.\*

### TERRE HAUTE, IND.

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De Vore & Co., H. W., grain and seeds.\*  
King & Co., C. A., grain and seeds.\*  
Morehouse & Co., W. H., grain and seeds.\*  
Southworth & Co., grain and seeds.\*  
Wickenhiser & Co., John, grain recvrs., shippers.\*  
Young Grain Co., consignments, futures.\*  
Zahn & Co., J. F., grain, seeds.\*

### TOPEKA, KANS.

Cardwell Grain Co., M. W., corn & oats specialist.

### WICHITA, KANS.

Board of Trade Members.  
A. N. T. Grain Co., receivers & shippers.\*  
Bossemeyer Bros., grain merchants.\*  
Brooks-Bedell Grain Co., grain merchants.\*  
Bruce Bros., Grain Co., consignments.\*  
Kansas Flour Mills Co., The, expts., consign'ts.\*  
Kansas Milling Co., The, millers and grain dealers.\*  
Marshall Hall Grain Co., exporters.\*  
Norris Grain Co., The Exporters.\*  
Strong Trading Co., grain and coal.\*

### WICHITA FALLS, TEX.

Priddy Grain Co., dom. & export grain.\*

### WINCHESTER, IND.

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\*Members Grain Dealers National Association.

Grain Exchange  
Members

# OMAHA

Grain Exchange  
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**Brooks-Bedell Grain Co.**

Try B-B Service on That Consignment

**Bruce Bros. Grain Co.**

Top Notch Service on Consignments

**Kansas Flour Mills Co., The**

Exporters, Buyers, Shippers, Consignments, and Mill Orders

**Kansas Milling Co.**

Always in the Market—Offer Us Your Wheat

**Marshall Hall Grain Co.**

Exporters

**Norris Grain Co.**

"The Exporters"

**Powell & Co., L. H.**

Receivers and Shippers

**Simonds-Shields Grain Co.**

E. M. Elkins, Mgr.

**Stevens-Scott Grain Co.**

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**Strong Trading Co.**

Grain and Coal

**A-N-T Grain Co., The**

Ernest Lieberknecht, Mgr.

Board of Trade  
Members

## INDIANAPOLIS

Board of Trade  
Members

**BELT ELEVATOR & FEED CO.**

Fred Vawter Lew Hill  
INDIANAPOLIS, IND.

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**Commission and Brokerage**

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L. H. RICH

W. E. RICH

**RICH GRAIN CO.**

GRAIN COMMISSION

320 Board of Trade Bldg., Indianapolis, Ind

Chamber of Commerce  
Members

## MINNEAPOLIS

Chamber of Commerce  
Members

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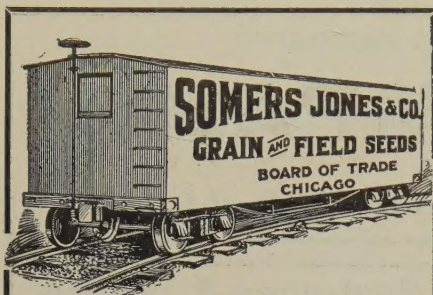
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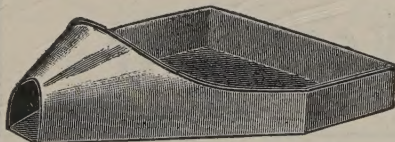
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Send us your grain. We buy it.

**Farmers Grain Co., The**

Receivers and shippers milling wheat, corn, seed, oats, barley, pinto beans.

**Crescent Mill & Elevator Co., The**

We buy and sell wheat, corn, oats.  
We make and sell flour and corn meal.

**Hungarian Mill & Elevator Co.**

Grain Receivers.

**O'Donnell Grain Co.**

Whether you buy or sell, talk to us.

**Summit Grain & Coal Co., The**

Wheat, corn, oats, rye, barley. We always buy and sell.

**Ayres Mercantile Co., The F. C.**

Milling wheat, corn, oats, barley, beans, seeds and hay.

**Best & Co., J. D.**

We buy and sell all kinds of grain. Ask for prices.

### NOTE

All grain bought by members of the Denver Grain Exchange which is graded at Denver and which does not come up to contract grade is discounted by three disinterested members of the Exchange, when dockage is not provided for in contract.

### THE A. McCLELLAND MERCANTILE, I. & R. CO., PUEBLO, COLO.

We are Members of the Denver Grain Exchange

If you wish to buy or sell grain in carlots write us.

Pueblo is the Real City of Opportunity, Sunshine and Health.

## RECEIVERS, SHIPPERS AND BROKERS

### The Scott County Milling Co.

Daily Capacity 3500 Bbls.

OFFER US YOUR SOFT and HARD  
WHEAT also CORN

Mills and Elevators,

SIKESTON,

DEXTER,

ORAN.

Storage

Capacity

3,000,000

Bushels

General Office:

SIKESTON, MO.

**Brainard Commission Co.**

Receivers and Exporters

**OATS and BARLEY**

Send samples all off grade grains.

Consignments Solicited

Produce Exchange, NEW YORK

**KNIGHT & McDOUGAL**

Grain Brokers and Commission Merchants

CONSIGNMENTS SOLICITED

New York

Chicago

Baltimore

**THE GATES ELEVATOR CO.**

Receivers and Shippers

**Grain, Hay and Millfeeds**

CLEVELAND, OHIO

**E. I. BAILEY**

CLEVELAND, OHIO

**Receiver and Shipper of  
Corn, Oats, Millfeed**

ASK FOR PRICES

**E. A. GRUBBS GRAIN CO.**

Greenville, Ohio

Wants Correspondence with members of the Grain Dealers National in Ohio, Indiana and Illinois. We want strictly sound winter wheat, yellow shelled corn and cleaned white oats.

**UNITED GRAIN CO.**

Mill Oats Chicken Wheat Screenings  
DULUTH, MINN.

### Offer Us

CORN, OATS  
MILLFEED  
SCREENINGS  
FLOUR  
ETC.

### L. E. SLICK & CO.

BLOOMINGTON, ILL.

ASK FOR PRICES ON  
CORN FEEDS  
ALF-MOL-GRAIN  
FEEDS  
CORN MEAL  
FLOUR

"Safety-First" Brand

"Iowa dealers will find Memphis a profitable market. Write us."

**H. J. HASENWINKLE CO.**



**RECEIVERS, SHIPPERS AND BROKERS**

**CARLISLE COMMISSION CO.**

Established 1889

**Kansas City, Missouri**

**Largest Distributors of Alfalfa Hay**

**Extensive Dealers of Alfalfa Meal**

**Albert Miller & Co.**

recognized throughout the country as the largest handlers of hay in the middle west, have done much to make

**Chicago, Ill.**

one of the country's greatest hay markets. It is to a company of this character that you should entrust your business.

We are in the market at all times for all kinds of hay—or, if you want hay, wire or phone us. Regardless of the greatly increased business, during war times, we will handle your business carefully and expeditiously.



**Stockbridge Elevator Co.**

BUYERS OF **Salvage Grains**  
Submit Samples and Quote Prices  
**JACKSON MICHIGAN**

**CONSIGN WHEAT - CORN - OATS**

—TO—  
**DUMONT, ROBERTS & CO.**  
301-2 Cham. of Com., DETROIT  
"The top 'o the market to you."

**STACKS & KELLOG**  
**GRAIN MERCHANTS**

480 Commerce St. MILWAUKEE, WIS.  
We also handle all grades of chicken feed wheat, feed barley, screenings, off-grade and damaged grain.  
**Operating Private Elevator**

**MARSHALL HALL GRAIN CO.**

**DES MOINES, IOWA**  
Call us for highest **TRACK BIDS**  
**ALL MARKETS**  
**W. G. CASE, Local Manager**

**H. C. CARSON & CO.**

**WHEAT — CORN — OATS — RYE — BEANS**  
1548 Penobscot Bldg., DETROIT  
"CONSIGN TO CARSON"

**W. M. BELL CO.**  
**SUPERIOR SERVICE**

**Milwaukee, Wisconsin**

By mentioning the Grain Dealers Journal of Chicago when writing its advertisers you help it to more efficient work in improving grain trade conditions.



## RECEIVERS, SHIPPERS AND BROKERS

### BOLIN HALL GRAIN CO.

Kansas Hard Wheat  
Milo Maize and Kaffir Corn  
HUTCHINSON - KANSAS

### Paul Kuhn & Co.

Receivers and Shippers  
**GRAIN**  
Terre Haute and Evansville, Ind.

### CEDAR RAPIDS GRAIN CO.

Receivers and Shippers  
CEDAR RAPIDS - IOWA

### GRAIN

Receivers and Shippers  
To make more money get in touch with  
LIBERAL ELEVATOR CO., Hutchinson, Kan.

There is no better time to advertise than the present. Better start before your competitor. Write the JOURNAL today.

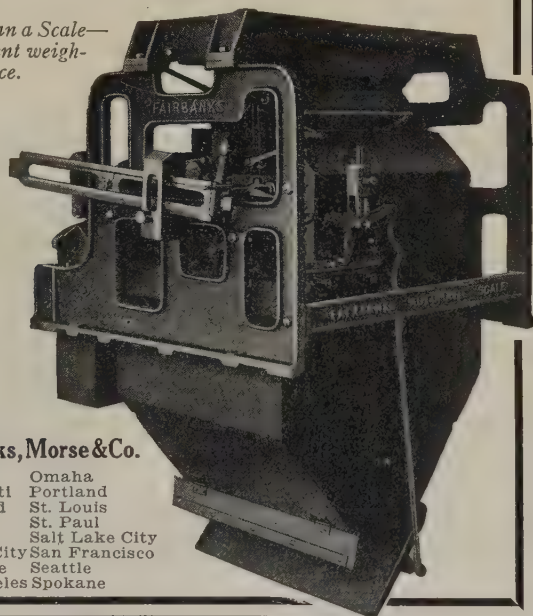
### BALDWIN GRAIN COMPANY

GRAIN BROKERS  
BUYERS OF CAR LOTS  
R. C. BALDWIN, Mgr. BLOOMINGTON, ILL.

## Fairbanks Automatic Scale

Weighs same weight per discharge on all standard grains. Has one piece even lever that cannot spring or get out of alignment. Handles cobs or trashy grain without clogging. Improved compensating device weighs residue without shifting position. Reinforced Hopper Brush prevents leakage. Interlocking mechanism will not allow grain to pass unweighed. An accurate, durable scale.

*More than a Scale—  
an efficient weighing service.*



### Fairbanks, Morse & Co.

Chicago	Omaha
Cincinnati	Portland
Cleveland	St. Louis
Denver	St. Paul
Detroit	Salt Lake City
Kansas City	San Francisco
Louisville	Seattle
Los Angeles	Spokane

## ACCOUNT BOOKS FOR GRAIN DEALERS

COMPLETE SET FOR \$4.25

### A GRAIN RECEIVING BOOK (No. 12 AA).

**Grain Register** is designed to facilitate keeping a record of weights and number of bushels in wagon loads of grain received. Each page is 8½x14 inches, and at top of the 11 columns are printed Date, Name, Kind of Grain, Gross, Tare, Net, Bushels, Pounds, Price, Amount and Remarks.

Each page has spaces for 40 wagon loads and each book has 100 pages or spaces for records of 4,000 loads. The book is well printed and ruled on ledger paper, and substantially bound in full heavy canvas covers. Weighs 2½ lbs.

### A GRAIN SHIPPING BOOK (No. 14 AA).

**Sales, Shipments and Returns** is designed to facilitate recording sales, shipments and returns from the shipments made. Its use will save much time and book work. The pages are 10½x16½ inches, used double. The left-hand pages are ruled for information regarding **Sales and Shipments**; the right-hand pages for **Returns**. Under **Sales** the column headings are Date, Amount Sold, Price, Grain, Terms. Under **Shipments** are Date, Car Number and Initial, Our Weights in Bushels, Grade, Route, Rate. Under **Returns** are Destination, Grade, Difference, Bushels, Over, Short, Gross Proceeds, Freight, Over, Short, Commissions, Other Charges, Total Charges, Net Proceeds, Drafts, Remarks.

The book contains 76 double pages, with room for records of over 2,200 cars, is well bound in heavy canvas covers with leather corners, and printed on linen ledger paper. Weighs 3½ lbs.

### GRAIN DEALERS JOURNAL

305 So. La Salle St., Chicago, Ill.

## THE VALUE OF AN ADVERTISEMENT

Depends upon placing it before the right persons. You can get your advertisements before the grain dealers of the country by using this space.

## ELEVATOR MACHINERY

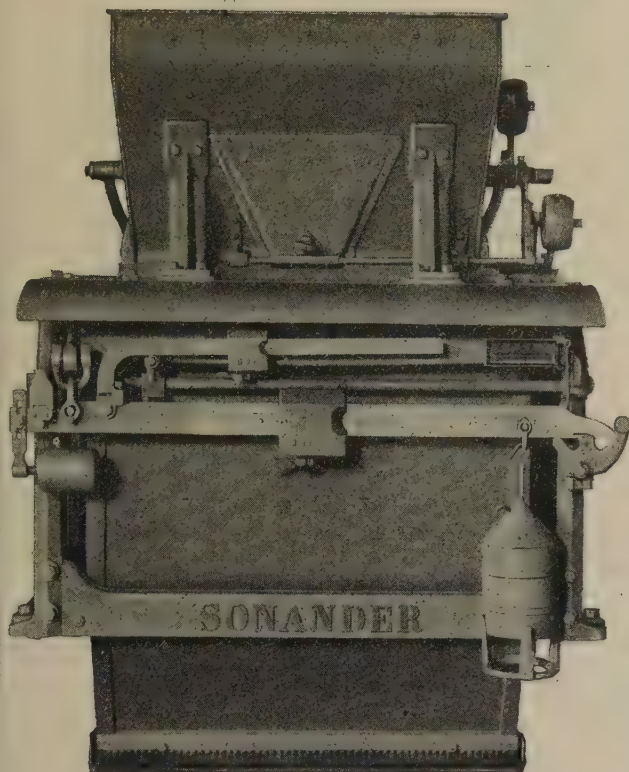
**GRAIN DRYERS**—All sizes, **CRUSHERS**, **SHELLERS** and **MILLS**, **CONVEYORS** and **ELEVATORS**, **CHAIN BELT** and **SPROCKET WHEELS**, **OAT MEAL** and **PEARLED BARLEY MACHINERY**, **HOMINY MILLS**

SEND FOR DESCRIPTIVE CATALOG OF WHAT YOU WANT

**THE C. O. BARTLETT & SNOW CO.**  
CLEVELAND, OHIO, U. S. A.



# Prove It to the Railroad's Satisfaction



When you weigh out grain are you positive that you could swear to the correctness of the weights? Have you ever enjoyed that feeling of certainty when putting in a claim for loss in transit, the feeling that you have something on the railroads? Back up your claims with a

## Howe-Sonander

Automatic Scale, and there will be no doubt either way. You are sure of the weights, and it's easy to convince the railroads. This scale is built in various sizes. Its NON-CHOKABLE FEED HOPPER prevents cobs or trash from stopping the scales.

Send to any of the offices below for complete information.

### Howe Scale Co. of Illinois

CLEVELAND, OHIO, 1424 W. 9th St. Henry Vogel, Mgr.  
CHICAGO, ILL., 1315 So. Wabash Ave. O. B. Main, Mgr.  
ST. LOUIS, MO., 409 4th St. F. L. Rogles, Mgr.  
KANSAS CITY, MO., 1510 Main St. W. C. Peak, Mgr.  
For Washington, Oregon and Idaho Business, Address  
Pacific Scale & Supply Co., Wm. Schweizerhof, Mgr., 46 Front St.,  
PORTLAND, ORE., or 546 1st Ave. So., SEATTLE, WASH.

## Too Many Buyers

Read this letter received from  
Cook Bros., Woodward, Iowa.

Grain Dealers Journal, Woodward, Iowa, 6-1-15.  
Chicago, Ill.

Gentlemen:—You may take out our two ads as we have received two checks for the mill and closed a deal for a motor, both results from the first issue of your Journal containing our ad.

Yours very truly,  
COOK BROTHERS.

Here are the ads referred to

#### MACHINERY FOR SALE

FOR SALE—Three Roll Willford Mill in good condition; \$50.00 buys it. Cook Bros., Woodward, Iowa.

#### DYNAMOS AND MOTORS

We want a 7 to 10 Horse Direct Current 600 Volt, about 1000 Revolutions per minute, Electric Motor. Write Cook Bros., Woodward, Iowa.

This is only one of many instances where the "WANTED—FOR SALE" columns of the Grain Dealers Journal, Chicago, have proven to grain elevator owners the logical market place for Second-Hand Machinery.

These ads cost but 20c per type line each insertion.

## YOU can get CARS

if you proceed properly in filing your order and follow it up persistently, earnestly and stubbornly with duplicating Car order blanks. By using these blanks you make **formal order** for cars to suit your needs, and the **duplicate** copy provides you with undeniable evidence that the station agent received the order.

These formal orders give the station agent a feeling of responsibility, and often bring cars when verbal orders fail. By keeping a carbon copy of each order for cars would-be shipper has a complete record of all efforts to obtain cars—a certain proof in case of delay by the railroad company.

**CAR ORDER BLANKS** contain spaces for the name of the station, date, railroad, number of cars for immediate loading, number of cars for loading in—days, kind of grain, capacity, destination, and a space for the signature of the shipper. Also space for the date when the order is filed with the agent, and for the signature of the agent acknowledging its receipt.

These blanks are bound in book form. Each book contains 50 originals, 50 duplicates and 3 sheets of carbon. The originals are machine perforated so may be readily torn out, while the duplicate remains in the book.

If you wish station agent to heed promptly your orders for cars use **Form 222 C. O.**, Price 50 cents.

**GRAIN DEALERS JOURNAL**  
315 So. La Salle Street Chicago, Ill.



## Grain

### Drying For Nothing

Exhaust steam from the engine contains about eighty percent of the heat required to make the steam originally.

A grain drier can be successfully operated with exhaust steam at five pounds pressure, so if you use your exhaust steam for this purpose then you can dry your grain for nothing.

Have you ever thought of it in this way before?

If you use your cobs for fuel, then you can operate most cheaply.

We can supply you with the right kind of steam engines and boilers to do this kind of work.

**Chandler & Taylor Co.**

INDIANAPOLIS, INDIANA, U. S. A.

## Your Firm Name

*will be printed free in the 15,000 copies of the 1917 List of Users of the Universal Grain Code if you notify us promptly that you have a copy of the code.*

*A copy of the List of Users will be sent free to you and 14,999 other live grain firms who desire to reduce their telegraph tolls.*

*Printed on bond paper and bound in flexible leather. Price \$3.00.*

**GRAIN DEALERS JOURNAL**

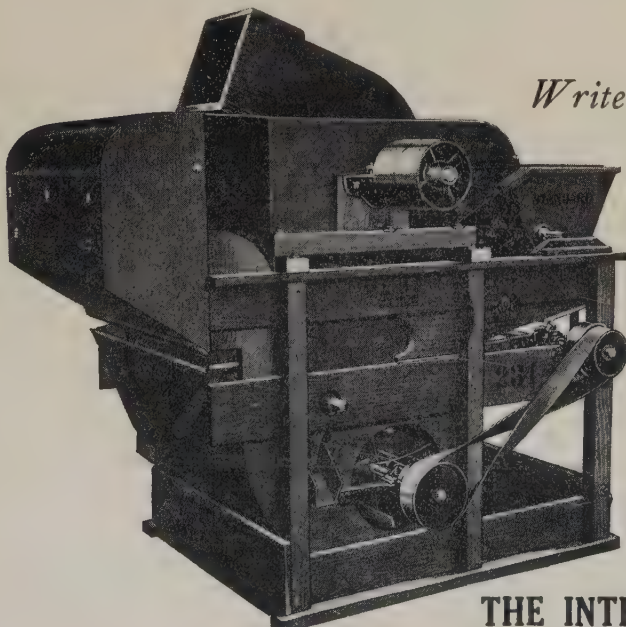
305 So. La Salle Street

Chicago, Illinois

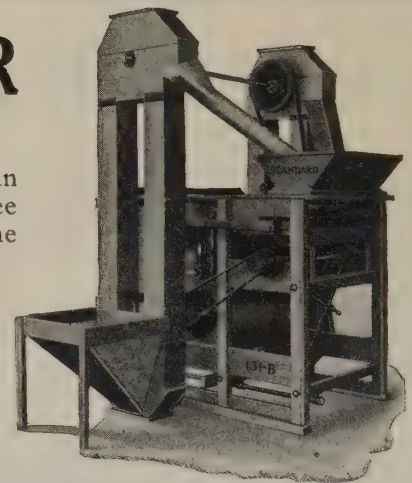
## STANDARD GRAIN CLEANER

No. 234

Gives you a vertical blast for fine separations and also a suction fan for removing the dust and chaff from the building. Built in three sizes; also can be equipped with Traveling Brushes for keeping the screens clean.



*Write for Prices*



## SUPERIORITY OF STANDARD SEED CLEANERS

is certain, because equipped with our Patented Improvements which are positively essential to proper working, efficiency and economy of operation.

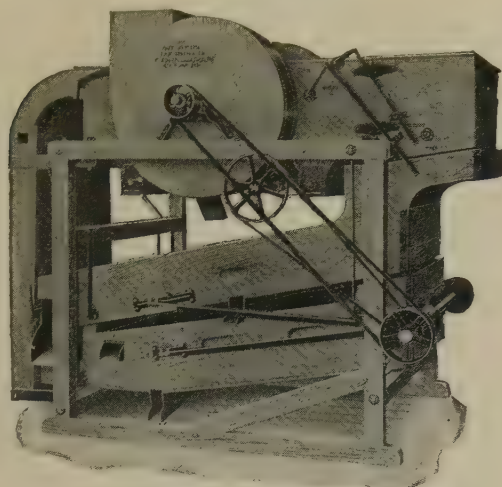
### No. 131-B STANDARD CLEANER

Illustrated above, will be found of maximum ability and service for every variety of field seed and seed grain. In our complete catalog are shown cleaners of all sizes and for every cleaning purpose.

Let us send it to you.

**THE INTERNATIONAL MFG. CO., Crestline, Ohio**





"Western" Combined Corn and Grain Cleaner

## *The Work of Two Cleaners Done by One Machine*

If your elevator is crowded for room, so much so that you will have to do without a cleaner, you're the man we are looking for.

The "Western" Combined Corn and Grain Cleaner is the machine for you to install. It does the work of two cleaners, yet only occupies the space of one.

It handles corn and cob as it comes from the sheller; it recleans corn, oats, wheat and other small grains without changing the screens. It embodies features not found in any similar machine, and is without doubt the most popular combination cleaner on the market. It's one of the "Western" Line, that explains it all.

Write for more detailed information regarding this machine.

UNION IRON WORKS - Decatur, Ill.



## Get Your Money's Worth In A Feed Grinder

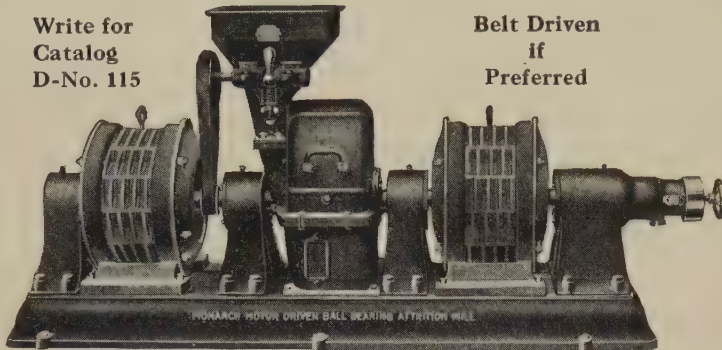
Get the machine which will do light work or heavy work with equal facility—all the time; the machine with no "wear out" to it; which needs little or no attention—earns profit and saves time, temper and money.

There's only one **best** feed grinder on the market—only one original—only one which closely approaches perfection—and that one is

## The Monarch Ball Bearing Attrition Mill

Write for  
Catalog  
D-No. 115

Belt Driven  
if  
Preferred



It's an old story—this account of the earning and saving capacity of the Monarch Ball Bearing Attrition Mill—but it's one that bears repetition and one that should have your earnest consideration. It's free from fiction and full of truth.

Without proof, we should hesitate to make definite claims for this mill—but the evidence of hundreds who have it in use, cannot be denied or questioned.

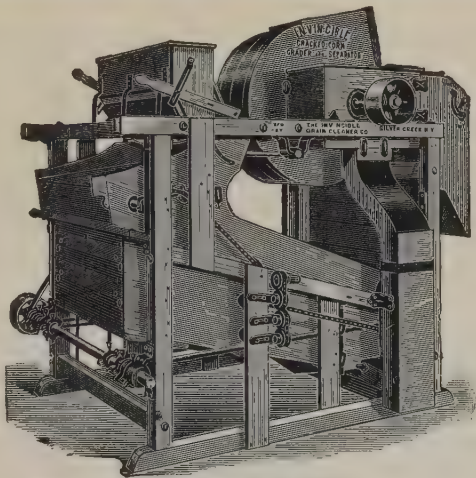
Investigate! Now! Let us give you the benefit of the experience of others. No cost or obligation to you. Ask for the Catalog.

Mill  
Builders  
Main Office and Works

**Sprout, Waldron & Company**  
Muncy, Pa.

Chicago Office: No. 9 S. Clinton St.

Milling  
Engineers  
P. O. Box No. 26



HALES & EDWARD CO., INDIANA HARBOR, IND.  
JUST PLACED A No. 10

## Like All Invincible Separators THIS INVINCIBLE CRACKED- CORN SEPARATOR & GRADER

is equipped with ring-oiling bearings and self-lubricating pitmans that minimize the risk of overheating and fire. Ask your insurance man how important this feature is—

*And get our booklet*

### INVINCIBLE GRAIN CLEANER CO.

Dept. 4 Silver Creek, N. Y.

#### REPRESENTATIVES

Chicago, Ill., 1041 Webster Bldg. .... A. H. Kay  
Bristol, Tenn., 111 East 5th St. .... H. C. Purvine  
Indianapolis, Ind., Board of Trade. .... C. L. Hogle  
Kansas City, Mo., 211 Postal Bldg. .... F. J. Murphy  
Minneapolis, Minn., and Winnipeg, Man. .... Strong-Scott Mfg. Co.  
Philadelphia, Pa., 25 S. 61st St. .... C. Wilkinson  
Toledo, Ohio, Jefferson House. .... Bert Eesley  
San Francisco, Cal., 17th and Mississippi. ....  
..... W. King, Pacific Coast Representative

## BOWSER FEED MILLS

## GROW HEALTHY STOCK

Crush ear corn (with or without shucks) and grind all kinds of small grain.

Handy to operate—lightest running. 10 sizes: 2 to 25 h. p., capacity 6 to 200 bushels. Conical shape Grinders. Different from all others.

Write for Catalog and folder about the value of different feeds and manures.

The N. P. BOWSER CO.  
South Bend, Ind.



## Have a Capable Feed Department

There is no better source of profit for an elevator than a feed department that is properly conducted. The extent of the profit depends, first, on the feed mill which must be able to turn out good quality grinding at the lowest possible cost; second, the persuasive powers of the elevator man to interest his patrons in his product.

If you are backed up by a good feed mill your persuasive powers will not be lacking.

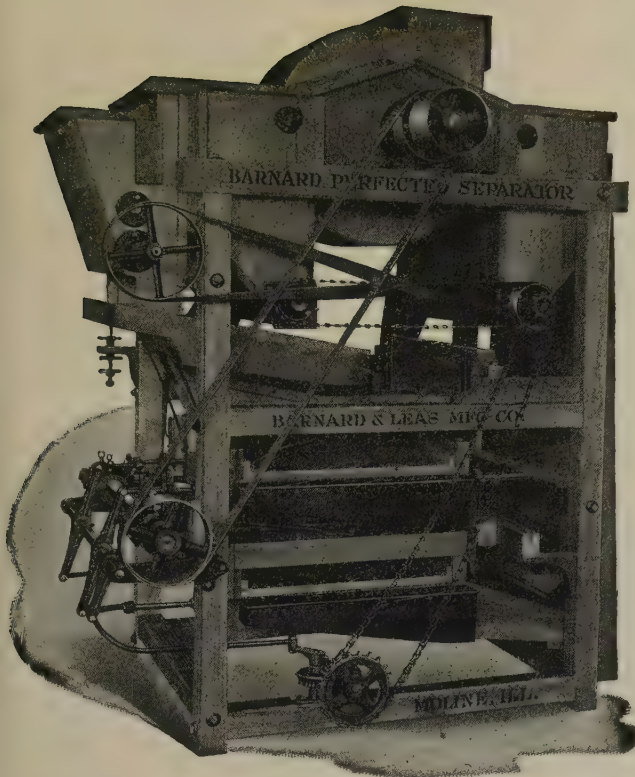
You know what feed mill to install? Write and ask us.

**J. B. EHRSAM & SONS MFG. CO.**

ENTERPRISE, KANSAS

Want a Job?—Advertise in the Situation Wanted columns of the Grain Dealers Journal





## The Supreme Attainment in Grain Cleaning Machinery

The Barnard Double Side Shake Receiving Separator is a revelation in grain cleaning. It is a comparatively new machine, having been on the market only a few years. Like all other machines put out under our name, it is supreme in its field. This statement is substantiated by the large number in use and its satisfied users.

This is a five sieve, automatic separator, consisting of an upper end-shake scalping sieve and four lower side-shake main sieves, four cockle or sand sieves and traveling brushes underneath—not on top of sieves.

Its many individual features, described in our catalog, which is yours for the asking, will prove to you that it is the machine you need to bring your business up to a profit-making basis. We want to hear from you regarding this machine. Write today—a post card will do.

**BARNARD & LEAS MFG. CO.**  
MILL BUILDERS AND  
MILL FURNISHERS  
ESTABLISHED 1860. MOLINE, ILLINOIS, U.S.A.



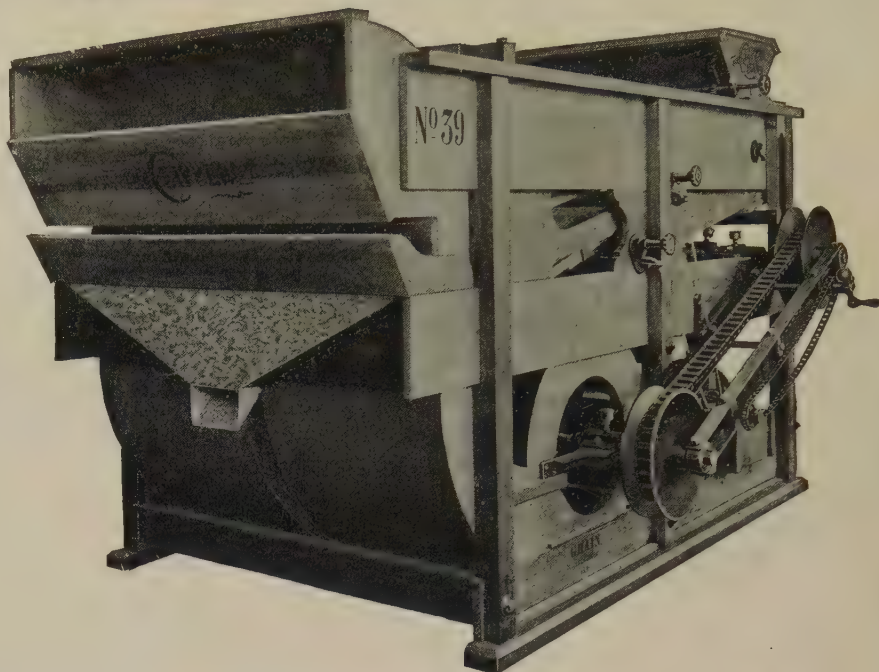


## The "Clipper" Grain & Seed Cleaner

WITH  
Variable Air Regulator

Different kinds of seeds and grains, and different conditions of the seeds or grains, call for varying strength of the air blast used in separating the dust, chaff, and light, shrunken seeds or grain from the heavy, perfect seeds and grain. The Clipper Variable Air Regulator gives exact control of the air blast at every desired point. "From a zephyr to a hurricane" (and every intermediate point between) exactly describes the range of air blast that can be secured by this mechanical device. We can produce a blast strong enough to blow out the heaviest grain, peas or beans, and by an adjustment requiring but an instant reduce the blast sufficient for handling the lightest seeds, such as timothy, red top or blue grass.

Write for circular  
giving full  
description.



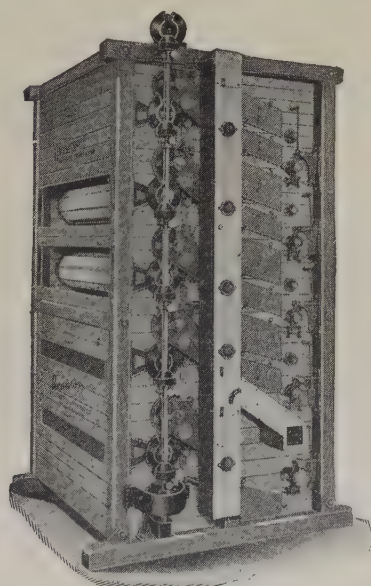
The No. 39 Cleaner, shown herewith, is equipped with our new Variable Air Regulator. A perfectly uniform air blast, absolutely under control and entirely free from fluctuation, is one of the most essential and important considerations in cleaning seeds and grains.

**A. T. Ferrell & Co., Saginaw, W. S., Mich.**

## THE RICHARDSON

*Separates*  
**OATS—WHEAT—BARLEY**

No  
Grain  
Wasted



Large  
Profits  
Every  
Season

Our New Center Track Guarantees Durability  
*Write for particulars*

**Richardson Grain Separator Co.**  
15th Ave. S. E. and N. P. Tracks Minneapolis, Minn.

## UNIVERSAL GRAIN CODE

For use of

## Grain and Milling Trades

*We recommend it. The trades endorse it.*

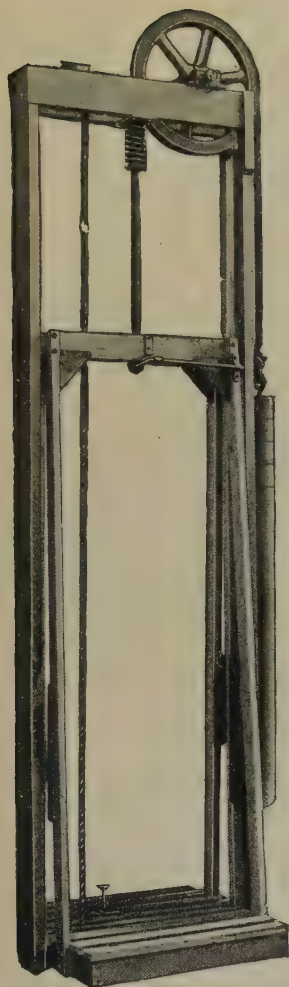
**Save telegraph tolls. Keep your  
business to yourself. Prevent  
Expensive Errors.**

Its 146 pages contain 13,745  
expressions, printed on policy-  
bond paper, and bound in black  
flexible leather—size 7x4 $\frac{5}{8}$  inches.

**Price \$3.00**

**GRAIN DEALERS JOURNAL**  
315 So. La Salle St. Chicago, Ill.





## **REDUCES** Cost of Insurance Number of Accidents Labor

The reduction of these three things will go a long way in adding materially to your year's profits. The saving affected in the cost of insurance alone will pay for a manlift within a very short time. Accidents are always costly—in more ways than one. A man can get to the cupola of your elevator in half the time on a manlift that he spends in walking up the stairs. Now in selecting a manlift, bear in mind that there is only one that is called the

## **CONSTANT SAFETY MANLIFT**

It is installed in hundreds of elevators throughout the country and is known to be the easiest and cheapest operated manlift on the market, and as for safety, it is the safest. It is equipped with ball bearings, adjustable brakes. All brakes work independently of each other.

Send for our latest catalog which gives more detailed information regarding this manlift together with our other grain elevator equipment. It is free for the asking.

**B. S. CONSTANT MFG. CO.**  
**BLOOMINGTON, ILL.**

## **TRAVEL**

**With the Grain Dealers Journal  
Into the offices of your fellow  
Grain Dealers**

Visit the numerous grain conventions thruout the country. The great Court chambers where the legal controversies of your business is being decided.

Learn of the different methods being used by the most enterprising grain dealers.

Note the wonderful improvements being made in mechanical facilities for handling and improving grain.

See it all in the GRAIN DEALERS JOURNAL, WITHOUT SETTING FOOT OUTSIDE YOUR OWN OFFICE.

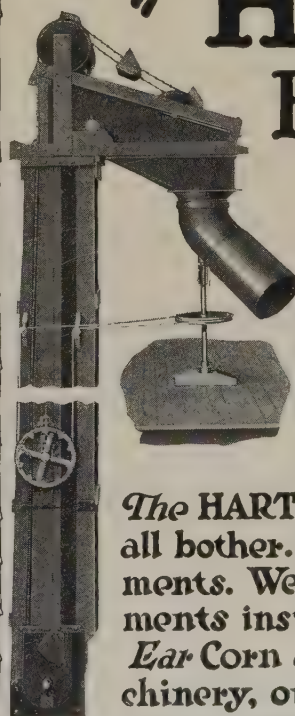
From NOW ON DON'T MISS A SINGLE NUMBER—TWICE EACH MONTH—ONE YEAR, ONLY \$1.50.

**RITE US NOW**

**GRAIN DEALERS JOURNAL**

305 South La Salle Street, Chicago, Ill.

## **"HART ELEVATORS — and — CONVEYERS**



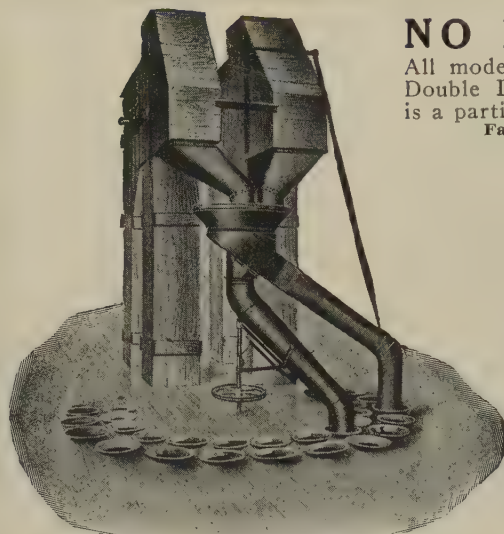
**Made in sections  
ready to install.**

*The HART plan relieves you of all bother. Tell us your requirements. We quote prices on equipments installed ready for use. Ear Corn and small grain machinery, our specialty.*

*Prices and Service will interest you*

**HART GRAIN WEIGHER CO.**  
Dept. B Peoria, Ill.





## NO EXPERIMENT

All modern elevators use the Ibberson Double Distributing Spout. Following is a partial list of users:

Farmers Elevator Co.,	Sherwood, N. D.
" "	Ransom, N. D.
" "	Karnack, N. D.
" "	Falsen, N. D.
" "	Argyle, Minn.
" "	Juanita, N. D.
" "	Bimford, N. D.
" "	Tracy, Minn.
" "	Niobe, N. D.
" "	Emerado, N. D.
" "	Wyndmere, N. D.
" "	Calvin, N. D.
" "	Grafton, N. D.
" "	Hatton, N. D.
" "	Heaton, N. D.
" "	Zell, S. D.

And many more. This spout is worth your attention. For particulars, write

**JAMES J. GERBER**

Minneapolis, Minn.

## The HALL SPECIAL (ELEVATOR LEG)

over a Hall Non-chokable Boot, equipped with OMAHA buckets is a paragon in efficiency, doubling the capacity of the same size leg of other designs and doing it automatically without back legging or mixing grain and without attention at the feed gate. Write today for Catalogue "F."



The difference between profit and loss can often be traced to inefficiency in the distributing department. To get maximum results, you MUST have quick operation. To get minimum cost you MUST have a long lasting, durable machine.

## HALL SIGNALING DISTRIBUTORS

are more efficient than any other distributing device in the world. They enable the workmen to do more, do it quicker, do it better, and they last longer.

Ask anyone using them. They are everywhere.

**HALL DISTRIBUTOR CO., 222 Range Bldg., Omaha, Nebr.**



## THE ONLY SANE, SAFE THING

to do is to install an All Metal  
Fire Proof

## Knickerbocker "1905" Cyclone DUST COLLECTOR

**The Knickerbocker Co.,**

**Jackson, Michigan**

## CERTIFICATE OF WEIGHT

FORM 88 is designed for making a certified statement of the weight of a car of grain and the condition of the car. It has spaces for Date, Car No., Initial, Date Loaded, Number of Pounds, Kind of Grain, Seal Record, Firm Name and Weigher. These forms are duplicating and are check bound, 75 originals and 75 duplicates in each book. The original forms are printed on bond paper and are machine perforated so that they will tear out readily. The duplicates remain in the book as permanent record. The certificates are numbered in duplicate. Size 8½x4½ inches. Price with four sheets of carbon paper, 75 cents.

GRAIN DEALERS JOURNAL,

315 So. La Salle Street, Chicago, Ill.

## The Van Ness Safety Roller Bearing Manlift

is built for service. Made from Selected White Birch, has direct acting springs, double safety device that will not fail, runs easy, unnecessary to bolt or lock it while not in use.

Has wire cable and cotton hand line. Sold on 30 days' trial. Write for circulars and prices, tri

Manufactured and for sale by

**R. M. Van Ness  
Construction Company**

203 Grain Exchange  
OMAHA, NEB.

We Build  
Modern Grain Elevators



# KENNEDY CAR LINERS

Prevent Leakages  
Avoid Claims  
Saves Money

Used by Thousands of  
Progressive Shippers

MADE BY

**THE KENNEDY CAR  
LINER & BAG CO.**

SHELBYVILLE, INDIANA

## FOURTEEN YEARS' PAINT SERVICE

## DIXON'S SILICA - GRAPHITE PAINT

gave fourteen years' paint service on elevators owned by the Globe Elevator Company. Other grain elevator concerns have had similar experience. The reason why Dixon's Paint is most widely used on grain elevators is because

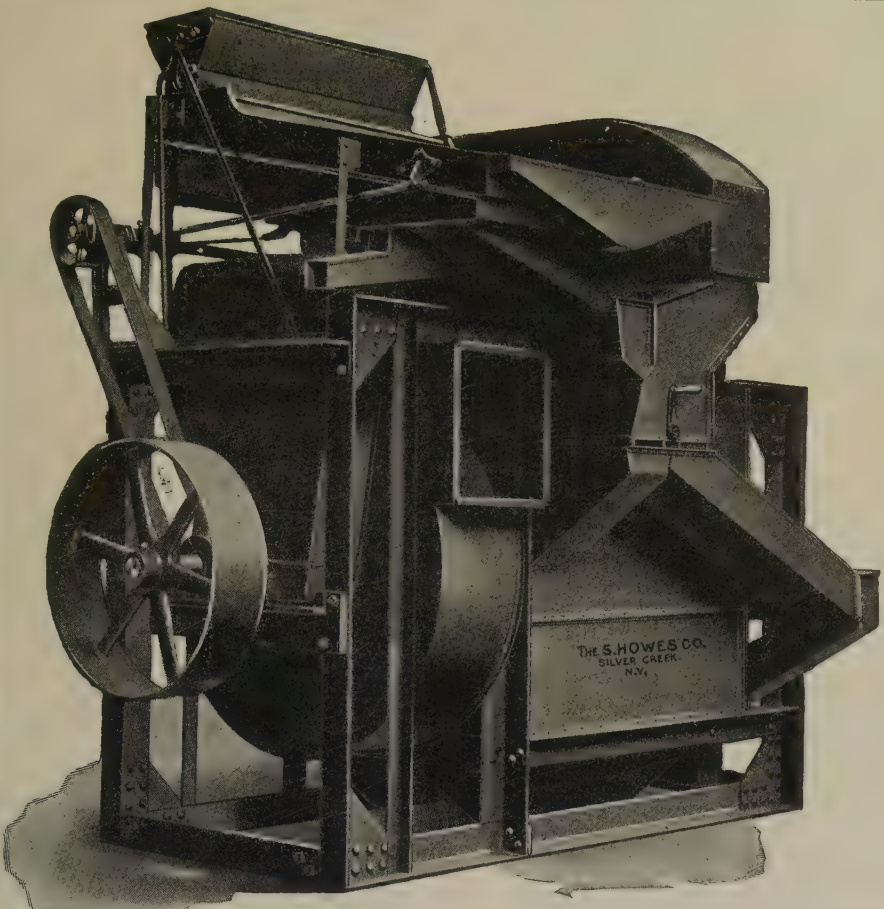
It Lasts Longer;  
Costs Least Per Year;  
Always Best Quality;  
Most Reliable;  
Most Popular.

By using DIXON'S SILICA-GRAPHITE PAINT, you SOLVE your paint worries; you lower your yearly paint costs, and you get superior service. Booklet No. 15B is free.

**JOSEPH DIXON CRUCIBLE  
COMPANY**

JERSEY CITY, NEW JERSEY





A number of  
**“Eureka”**  
**Steel Oat Clippers**

like the one here illustrated were recently sold to a prominent grain firm.

These machines were designed and fabricated in the shops of

**The S. Howes Company**  
 SILVER CREEK, N. Y.

## Duplicating Grain Contracts

Do not take chances on verbal contracts for future delivery of the grain you are now purchasing. With the present unstable condition of the markets, Mr. Farmer is very liable to forget them if the market should advance or his crop be a failure.

Our Duplicating Grain Contracts will save you time, worry and money and should be used on every purchase. They certify the Farmer “has sold — Bushels of — at — cents per bushel, to grade No. —, to be delivered at — on or before —.” They also certify that “If inferior grain is delivered, the market difference at which such grain is selling on day of delivery shall be deducted.

Put up in books of 100 duplicate sets. Originals of bond paper are machine perforated so they may be easily torn out, while the manila duplicate remains firmly bound in the book. Both sheets contain a printed form on the back for entering all grain delivered on the contract. Check bound and supplied with 3 sheets of carbon. Order FORM 10DC, Price \$1.00.

Send all orders to

**Grain Dealers Journal**

315 South La Salle St.

CHICAGO, ILL.

## THE DOCKAGE SYSTEM

After July 1st all wheat will be subject to dockage for foreign matter.

Every country shipper will be compelled to provide himself with the necessary apparatus to make tests.

## THE EMERSON TESTER

guarantee a perfect test according to the new federal rules. Not one kernel of oats left in the wheat. Over 7,000 elevators, flour mills, grain inspection departments and the U. S. Grain Standardization Department are users of the Emerson tester.



**W. H. EMERSON & SONS**

Campbell St. and M. C. R. R.

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## Coal Handling Machinery

If you are confronted with the problem of how to reduce your

### Coal Handling Costs

our engineers will solve the trouble—no charge for this service.

We design and manufacture Coal Elevators, Conveyors, Belt and Apron Conveyors, Pockets, Screens and Chutes, Wagon Loaders, Bagging Hoppers.

Write for Catalog No. 16. Address nearest office for quick service.



### GIFFORD-WOOD CO.

Chicago Office: 565 W. Washington St.  
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## GRAIN STANDARDS' ACT

U. S. Department of Agriculture equips its Grain Laboratories with Torsion Balances.



5055

Style No. 5055—Corn  
Acidity Determination and Fine Weighings.



Style No. 4000 Used in Moisture Test.

We illustrate above in our Corn and Seed Testing Pamphlet. Copies free upon request.

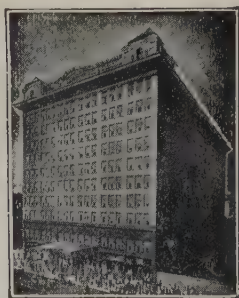
WE SELL ANALYTICAL BALANCES

### The Torsion Balance Co.

Pacific Coast Branch:  
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Factory:  
Jersey City, N. J.

Office:  
92 Reade Street  
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### HOTEL DYCKMAN

6th Street Near Nicollet  
MINNEAPOLIS NEWEST HOTEL

325 Rooms, Every Room with private bath  
Rates \$1.50 to \$5.00 per day

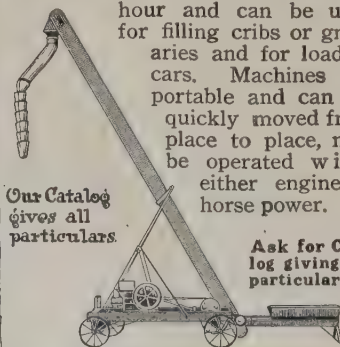
The DYCKMAN gives more for the money  
than any hotel in the Twin Cities  
Headquarters for the Grain Trade  
J. H. TREMAINE, President and Manager

## 'Makes Car Loading a Pleasure'

Handling ear corn or small grain with a Hart elevator is easy. It elevates 1000 to 2500 bushels per hour and can be used for filling cribs or granaries and for loading cars. Machines are portable and can be quickly moved from place to place, may be operated with either engine or horse power.

Our Catalog  
gives all  
particulars

Ask for Catalog  
giving full  
particulars.



HART GRAIN WEIGHER CO.  
Dept. D Peoria, Ill.

## The Automatic Dump Controller

USED EVERYWHERE

WHY!



Efficiency is one of the greatest necessities today. There will be a vast amount of grain handled during the coming Seasons especially, on account of the War Situation. Therefore speed and accuracy are very much in need. You cannot wait to repair your dump between loads, you must have the equipment that will handle your dump without jarring and bumping, and without frightening the horses.

A Soldier of the Dump, am I,  
A Soldier brave and true,  
I passed them ol' exam's, just why  
Is what I'm telling you.  
You see I'm good as good can be,  
I b'lieve in great simplicity—  
When the wagons drive upon the  
dump,  
I don't allow that jerk and bump,  
I just say, Boys, "Be kerful Sil!"  
And gently let the ol' cat die,  
And down she sinks with ease so  
sweet  
That if it were a dream complete.  
You could not ask for more.

Circulars upon request.

### L. J. McMILLIN

523 Board of Trade Bldg.,  
INDIANAPOLIS, INDIANA

Prevent  
CLAIM LOSSES  
with

### TYDEN CAR SEALS

Bearing shipper's name  
and consecutive num-  
bers.

6000 SHIPPERS  
Are now using them.

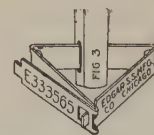
Write for samples  
and prices.



INTERNATIONAL SEAL & LOCK CO.

Chas. J. Webb, Vice-President  
617 Railway Exchange Bldg. CHICAGO, ILL.

## STOP THE LEAK



by using the Edgar Security  
First Car Seal. It furnishes  
positive evidence to locate  
and stop pilfering for less  
than a one cent postage  
stamp per car.

Ask us for prices and  
samples NOW.

Edgar Steel Seal & Mfg. Co.  
Lawrence, Kansas

## Record of Cars Shipped

FORM 385 is a book designed especially for country shippers in keeping a complete record of each car of grain shipped. Reproduced herewith are the column headings and rulings of both the right and left hand pages.

Together with "Wagon Loads Received," it forms a very good set of books for a country dealer.

The book contains 160 pages of lined ledger paper, each 9 1/2 x 12 inches, ruled 29 lines to a page, so as to give the book spaces for recording 2,320 car loads. It is well bound in strong boards with leather back and corners. Price, \$1.75.

### Grain Dealers Journal

La Salle St. Chicago, Ill.

OUR advertisers are helping us to improve Grain Trade conditions. SHOW YOUR APPRECIATION, Mention G. D. J.



# SEE IT?

It's yours if you want it. It's a sample of the best belt for either conveying or elevating grain.

It's

## REXALL

### Double-Stitched Belting

The plies cannot pull apart, because of the scientific method of double stitching which is used. The body or core is stitched separately, making a complete belt in itself. The casing is then put on and the belt is restitched through and through.

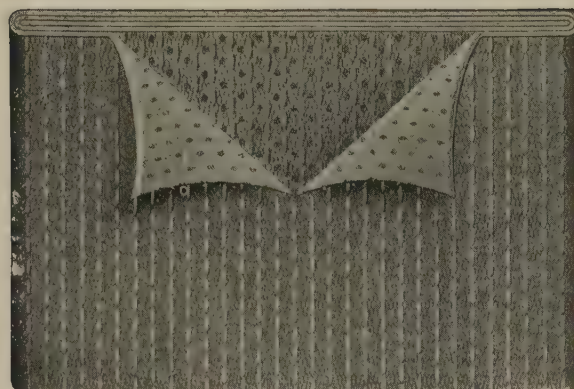
The whole is then impregnated with a self-lubricating preservative that keeps the belt soft and pliable. When properly installed, very large savings in your conveying costs are assured.

Write us for full details now.

### Imperial Belting Company

Lincoln and Kinzie Streets - Chicago

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423 Yeon Bldg., Portland, Oregon



## OUR IMPROVED RAILROAD CLAIM BOOK

requires little of your time for filing, and contains spaces for all the necessary information in the order which assures prompt attention on the part of the claim agent. It increases and hastens your returns by helping you prove your claims and by helping the claim agent to justify payment.

These claim blanks are printed on bond paper, bound in book form, each book containing 100 originals and 100 duplicates, a two page index and summary showing just which claims have not been paid, and four sheets of carbon. You tear out the original to send to the claim agent, and the carbon copy remains in the book, as a record of the claim.

Form A is designed to prove claims for Loss of Weight in Transit.

Form B—Loss of Quality Due to Delay in Transit.

Form C—Loss in Market Value Due to Delay in Transit.

Form D—Loss in Market Value Due to Delay in Furnishing Cars.

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These five forms are well bound in three styles, as follows:

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315 South La Salle Street

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WE were the original manufacturers of rubber belt for elevating and conveying grain—work that is particularly trying on belting, requiring great strength and freedom from stretch. Some of the largest elevators in the country are equipped with our Elevator Belting. Manufactured of heavy cotton duck, with an especially strong rubber friction uniting the plies, and an extra thick cover on pulley side. Warranted to run perfectly smooth and true on the pulleys, and can be depended upon at all times to do the work required.

Belts punched accurately for buckets if desired. Estimate for elevator equipments cheerfully furnished

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*Be Satisfied This Season!*

**"YOUNGLOVE does all the  
Contract calls for and MORE."**

Concrete and Tile  
Quick Service

Cribbed and Balloon  
Guaranteed Work

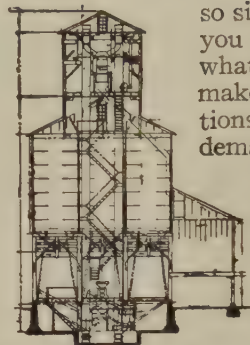
REPAIR SPECIALISTS

**YOUNGLOVE CONSTRUCTION CO.**

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NOT A CHINESE PUZZLE, BUT READABLE  
**PLANS and ESTIMATES**



so simple and self-explanatory that you can readily see at a glance just what you are getting, and you can make those changes which conditions in your own grain business demand on paper. And after seeing what you want you get, if you give the contract to

**Reliance  
Construction Co.**

Board of Trade INDIANAPOLIS, IND.

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GRAIN ELEVATORS**

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Form 89 S.W.C. is endorsed by leading shippers associations. Especially adapted for use in connection with claims for Loss of Weight in Transit. Each ticket gives the following information:

Kind of scale used; Station; Car Number and Initials; Shipper's Name; —lbs. equal to —bus. of No.—; Date scales were tested and by whom; car thoroughly examined and found to be in good condition and properly sealed when delivered to the ————R. R. Co.; Seal Record, name and number, sides and ends; marked capacity of car; date; and name of the weigher. On the reverse side of both originals and duplicates is a form for recording the weight of each draught.

Printed in two colors of ink and numbered in duplicate. Seventy-five originals on Goldenrod Bond paper and 75 duplicates on tough pink manila. Well bound with heavy hinged press-board covers so book will open flat. Three sheets of carbon paper.

Order Form No. 89 SWC. Price \$1.00  
Grain Dealers Journal, Chicago, Ill.

**It is of Mutual Benefit to  
Mention The JOURNAL  
when writing Advertisers**

### Clark's Double Indexed Car Register

Is a record book designed to afford ready reference to the entry or record of any car number. Facing pages 11x14½ inches of heavy ledger paper are each ruled into five columns, those on the left-hand page being numbered 0, 1, 2, 3 and 4; while columns on the right-hand page are numbered 5, 6, 7, 8 and 9. Each column is ruled into three distinct divisions with the following sub-headings: "Initial," "Car No." and "Record."

The marginal index figure represents the right hand or unit figure of the number entered; and the column heading the second or tens figure. So that the required number can always be instantly found if properly entered.

ORDER FORM 40 contains 36 pages, bound in heavy canvas covers with spaces for registering 9,000 cars. Price, \$1.50.

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**.GRAIN DEALERS JOURNAL, 315 So. La Salle St., Chicago, Ill.**

### WANT ADS

in the GRAIN DEALERS JOURNAL make wants known to everyone connected with the grain trade. If you desire to buy or rent, sell or lease an elevator or anything used by grain dealers, try a JOURNAL want ad twice a month and your want will soon be satisfied.

**EVERY time you boost the JOURNAL you encourage and help us to make it better.**



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### "BURRELL BUILT" GRAIN ELEVATORS CONCRETE OR WOOD

Are the Last Word in Convenience and Economy of Operation—  
With a Plant One Hundred Per Cent Right, An Operator Is Free to  
Devote His Entire Energies to Developing Profitable Trade Without  
Being Handicapped by Mechanical Worries.

More Than Seven Hundred "Burrell Built" Plants Now in Operation.

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**Decatur Construction Co.**  
ENGINEERS AND BUILDERS  
OF GRAIN ELEVATORS  
510-512 Wait Building  
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**J. E. STEVENS**  
53 Devonshire St., Boston, Mass.  
Designer and Builder of  
MODERN GRAIN ELEVATORS

**BETTER ELEVATORS**  
ARE Being Built and  
W. H. CRAMER is Building them  
NORTH PLATTE, NEB.

**W. C. BAILEY**  
Contracts and Builds  
Modern Grain Elevators  
We can furnish and install equipment in old  
or new elevators, guaranteeing greater capacity  
with less power, and positive Non-Chokable  
working leg. Let us show you.  
433 Ramey Bldg., OMAHA, NEBR.

**Godfrey Mill & Elevator  
Construction Co.**  
Mill, Elevator and Warehouse Contractors  
Agents for Kerosene Carburetor  
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**A. F. ROBERTS**  
ERECTS ELEVATORS  
CORN MILLS  
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MACHINERY  
SABETHA, KANSAS

## HICKOK MINNEAPOLIS ELEVATORS

Construction Co.  
818 Flour Exchange

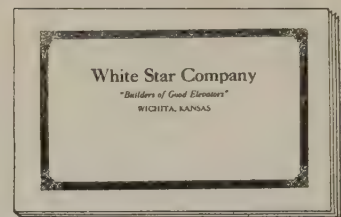
**ELEVATOR  
CONSTRUCTION  
SPECIALIST  
SINCE  
1881**

**"HAVE IBBERSON BUILD IT"**  
Write  
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New Booklet  
**T. E. IBBERSON**  
MINNEAPOLIS, MINN.

Give a Journal "Wanted—For  
Sale" ad something to do for you—  
it needn't be something easy.

**J. D. McLEAN & CO.**  
Do not build until you have received  
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Everything up to the minute in construction.  
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**NEWELL  
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CONTRACTORS DESIGNERS  
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ELEVATOR AND  
MILL SUPPLIES  
430-432  
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CEDAR RAPIDS  
IOWA



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Write for Catalog C-2.

White Star Co., Wichita, Kans.

## Receiving and Stock Book

Form 321 is designed for keeping a record of each kind of grain received  
at a country elevator in a separate column so that the buyer by adding up  
columns may quickly determine the number of bushels of each kind of grain  
on hand. Columns are also provided for date, name, gross, tare, net pounds,  
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The book is printed on Linen Ledger paper, well bound with leather back and corners.  
Each of its 160 pages is 9x12 inches, giving room for recording 3200 wagon loads

Order Form 321 . . . Price, \$1.75

GRAIN DEALERS JOURNAL,

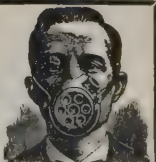
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Rubber Protector, \$2.00

Sent postpaid on receipt of  
price, or on trial to responsible  
parties. Has automatic valve and  
fine sponge.

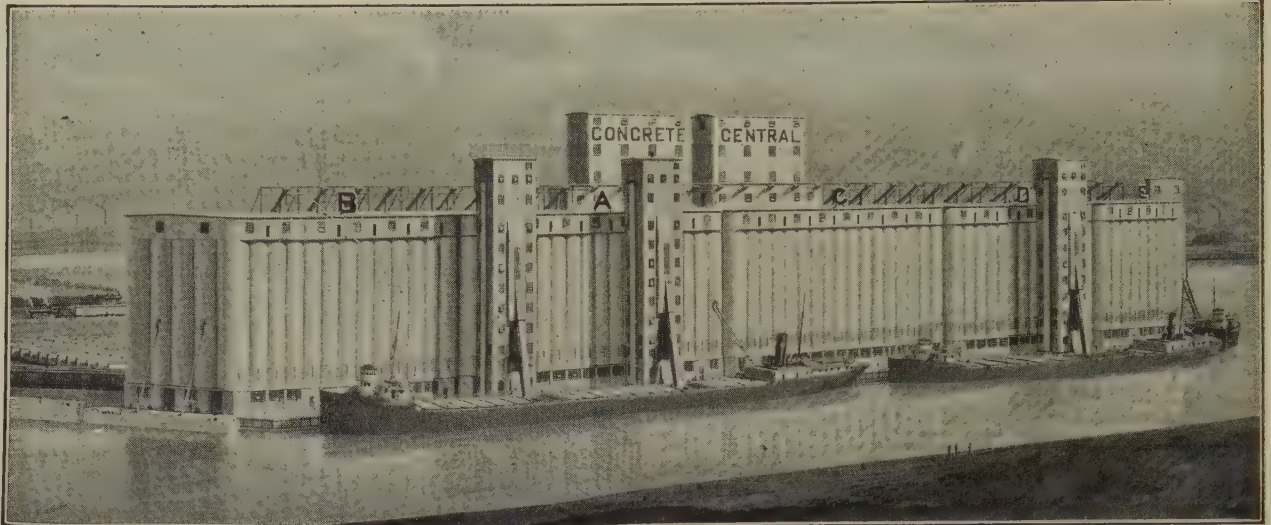
**H. S. COVER**  
Box 404 South Bend, Ind.



For Accurate Moisture Tests  
use our Grain Dealers Air Tight  
Cans for forwarding your grain  
samples.

**ST. LOUIS PAPER CAN AND TUBE CO.**  
ST. LOUIS, MO.





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Concrete-Central	Sec. A, 1915	B, 1916. C, D, E, 1917
Shredded Wheat	1911	1913 & 1914
Connecting Terminal	1914	1916
A. J. Wheeler	Monarch Elevator	Wheeler Elevator
Superior	1914	1916
Archer Daniels Linseed Co.	1915	1916
The Record of Satisfactory Work		Its Reward

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Terminal Elevator, Calgary, Alta. 2,500,000 Bushel Capacity. Recently Completed

WE BUILD REINFORCED CON-  
CRETE STRUCTURES OF ALL TYPES

## Grain Elevators, Mills and Industrial Plants a Specialty

Our Engineering Department is ready to solve  
your problems and furnish preliminary estimates

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GENERAL CONTRACTORS

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Also Zeigler Block, Spokane, Wash.

Mackie Block, Calgary, Alberta

## Canadian Government Grain Elevator Port Arthur, Ontario

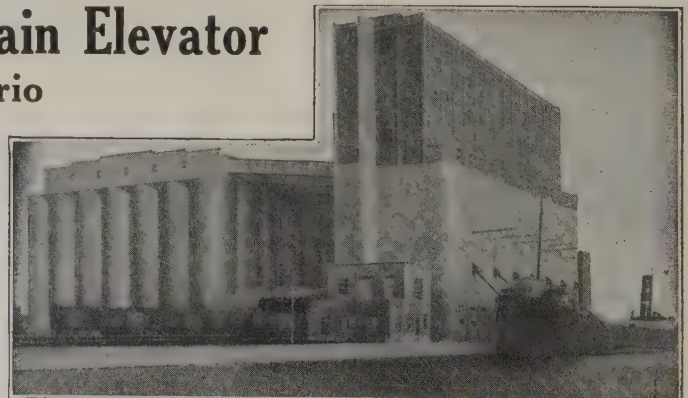
Capacity 3,500,000 Bushels

The Last Word in GRAIN ELEVATORS

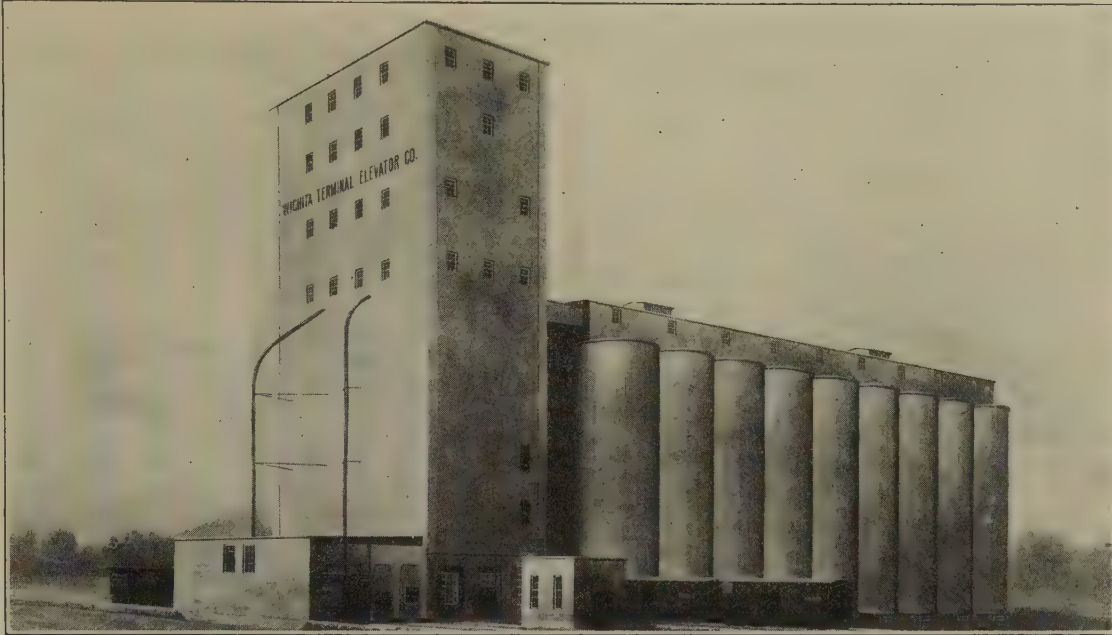
Designed and Built by

Barnett-McQueen Co., Limited

OFFICES { FORT WILLIAM, ONT.  
DULUTH, MINN.  
MINNEAPOLIS, MINN.







**Wichita Terminal Elevator, Wichita, Kansas**

Now under construction. Total Capacity of Plant: 1,000,000 Bushels.

**Designing and Consulting Engineers for Entire Work**

**John S. Metcalf Company, Limited**

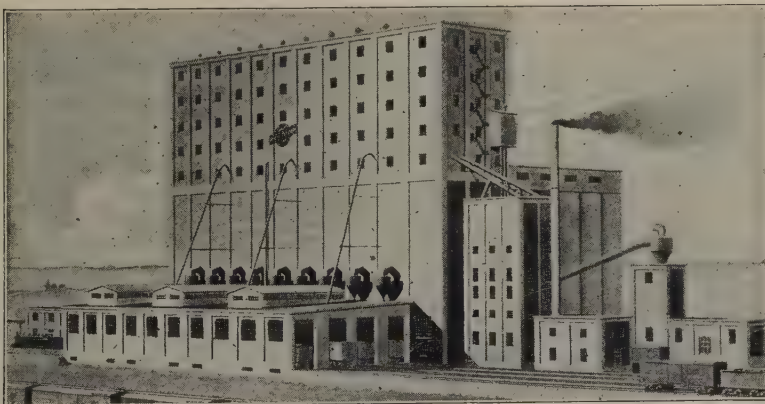
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MONTREAL, CANADA

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CHICAGO, ILL., U. S. A.

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**The 1,250,000 Bushel  
C. & N. W. Elevator**

at

**Council Bluffs, Iowa**

is the latest acknowledgment of our capabilities as Grain Elevator Engineers and Constructors.

**WITHERSPOON-ENGLAR CO.**

1250 Monadnock Bldg., CHICAGO, ILL.

Builders of Modern, Fireproof  
MILLS AND ELEVATORS

**The 2,000,000 Bushel  
WESTERN MARYLAND ELEVATOR  
at Baltimore**

**JAMES STEWART & CO., Inc.**  
Designers and Builders.

**GRAIN ELEVATORS**

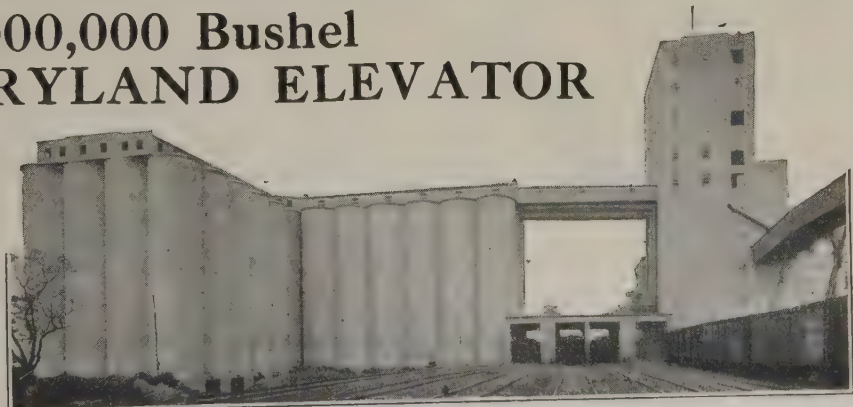
BUILT IN ALL PARTS OF THE WORLD

**GRAIN ELEVATOR DEPT.,**

15th Floor Westminster Bldg.

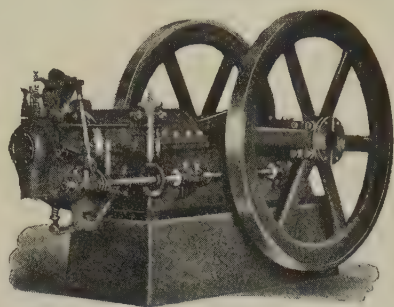
CHICAGO

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## COST OF POWER REDUCED Without the Fire Hazard THE H. O. CRUDE OIL ENGINE



### This Engine Starts and Operates On Crude Oil

No Batteries No Torches  
No Magneto No Hot Balls  
No Wires No Hot Plates  
No Switches No Gasolene  
No Coils No Trouble

### THEREFORE—

The most economical  
and safest kind of  
power you can buy.

The St. Marys Oil Engine Co.: I am glad to say that the 20 H. P. H. O. Type St. Marys engine we purchased from you is giving perfect satisfaction. It is much better than we expected. It pulls our flour mill, one 30-in. corn burr, and one 70-bu. per hour corn sheller, and doesn't seem to have any load. COTTAGE GROVE MILLING CO., J. H. RIDGWAY.

Your Engine Room will pay dividends if equipped with H. O. Crude Oil Engines.

Write us for further facts on the H. O.

**St. Marys Oil Engine Co.**

Factory and Main Office

ST. CHARLES, MO.

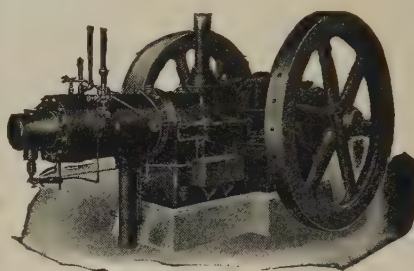
## Simple Deduction—

Why You Should Install an OIL ENGINE, and  
Why That Oil Engine Should Be a "MUNCIE"

First, the MUNCIE operates on the cheapest Fuel Oils known, also operating on Crude, Solar and Gas Oils, Kerosene, Distillate and Naphtha without any change in engine whatever.

No batteries to replace, no magnetos or dynamos to repair. Fewest working parts of any engine.

Built for hardest kind of service, ample surplus of power, and utmost engine efficiency.



The above, and further explanation by writing for our catalog, ought to convince you that you are losing money by not using the MUNCIE.

**Muncie Oil Engine Co.**

516 JACKSON ST.

MUNCIE, IND.

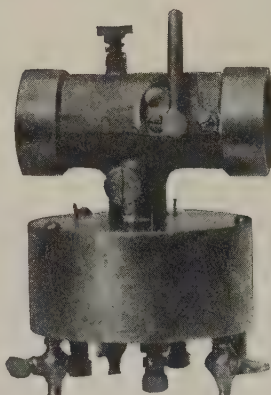
## This Equipment

Makes a KEROSENE ENGINE  
out of any make or type of engine,  
and saves 60% of the Fuel Bill.  
Ask the

**KEROSENE CARBURETOR CO.**

Peoples Life Building

Frankfort, Indiana



## THE FORESTER Automatic Drain Circulating PUMP

will take care of the water in your Engine. No bursting of cylinders or accumulating of lime in the water jacket.

A post card will bring circulars

**G. G. FORESTER MFG. CO.**

MOLINE, ILL.



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Operating machines and shafts that could stand idle at least a part of the time. Equip your plant with Tester Clutches and start saving money. Get our Free Booklet. Decatur Foundry, Furnace & Machine Co., Dept. D, DECATUR, INDIANA

**Eliminates  
Spotting  
Charges**



## Thirty Days FREE Trial

We will send the NEW BADGER Car Mover to your address and you can try it out for thirty days. If it is satisfactory we are to receive \$5.00 for Car Mover, f. o. b. Appleton, but if not satisfactory it can be returned and we pay freight both ways.

### NEW BADGER

car movers are used by grain dealers all over the country and what is more they are giving good satisfaction. With it you can do away with spotting charges now being made by the railroads. You will be shipping considerable grain soon and the cars will be dropped far down on your siding. Drop us a post card today and we'll send the New Badger to you immediately.

**Advance Car Mover Co., Appleton Wisconsin**

Tell us what you  
need for your  
Grain Elevator  
and we'll tell you  
where to get it.

**Grain Dealers Journal**

315 So. La Salle St., Chicago

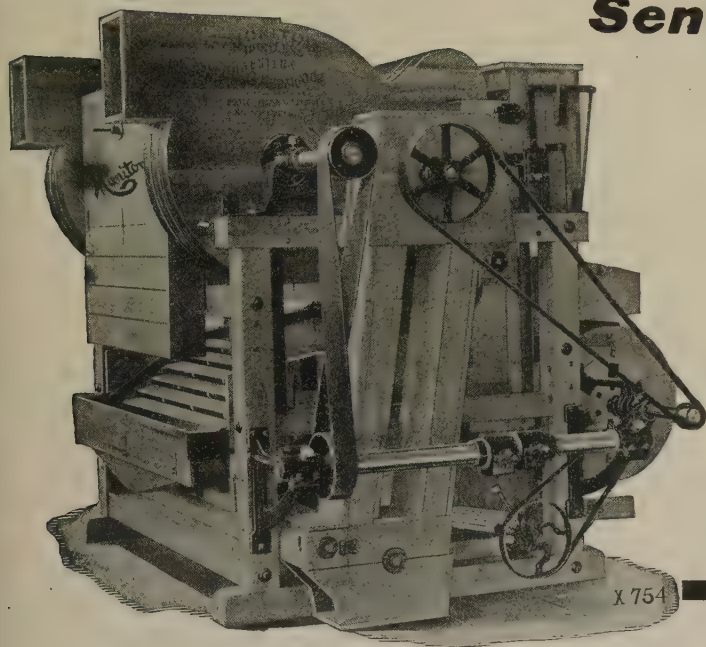


# Oats from wheat

**Monitor**

"Northwestern"

## Sensationally Successful Separations



Enthusiastically endorsed as a wonderful success by every user—and practically every user of this new type of "Monitor-Northwestern" has at some time or other tried various machines for the removal of oats from wheat—and failed. Simply, regularly and economically this altogether-different, this wonderfully better "Monitor-Northwestern" gives the kind of oats from wheat separations that are necessary in point of capacity, efficiency, dependability, durability and economy—we repeat, **that are necessary.** See list of users, our new literature, our claims and guarantees and you will at once appreciate there is something different and better in oats from wheat Separators—the "Monitor-Northwestern."

**Huntley Mfg. Co., Silver Creek, N.Y.**

X 754

## This 5 Line Want Ad Sold the Elevator—Read the Letter D. Milligan Company

D. MILLIGAN  
F. W. MILLIGAN  
F. D. MILLIGAN  
E. A. MILLIGAN

DEALERS IN  
LUMBER, GRAIN, COAL, LIME AND CEMENT

BRANCHES ON  
C. & N. W. RY  
C. M. & ST. P. RY  
M. & ST. L. RY  
IN CENTRAL IOWA

JEFFERSON, IOWA June 2, 1914.

Grain Dealers Journal,  
Chicago, Illinois.

Gentlemen:

We recently carried an advertisement of an elevator for sale in one issue of your paper and received ten replies, most of them from men who seemed to be bona fide purchasers, and made sale of the property to Mr. C. C. Buck of Iowa Falls through the advertisement. This was our Dana, Iowa, plant which we sold, because we desired to extend our business along the Milwaukee or Northwestern, where the train service is more convenient for us.

Very truly,

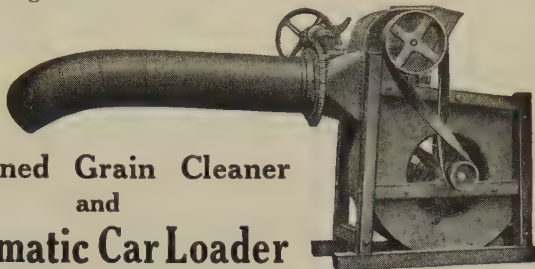
D. Milligan Co.



**CLEAN AND LOAD IN ONE OPERATION**

Now that grain is commanding such a high price and there is and will be such a demand for it, it behooves you to load it properly, this means that you should use a Car Loader that cleans and loads at the same time. We guarantee this for

The  
Combined Grain Cleaner  
and  
Pneumatic Car Loader

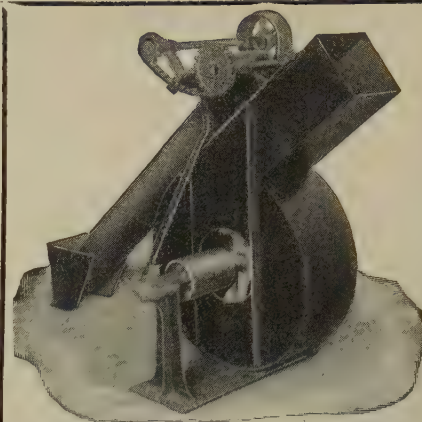


It does not mill or crack the grain; fills cars to full capacity; strong, durable, requires no attention after starting. Cools and dries the grain as it passes through the air.

Used by hundreds of elevator owners. List of users will be sent you on request.

Write for list and circulars

**MATTOON GRAIN CONVEYOR CO., Mattoon, Ill.**



For a Conveyor, Pitless Elevator, Car-loader, Combined Elevator and Car-loader or Track-loader stationary and portable, write to

**BERNERT MFG. CO.**

759-33rd St.

Milwaukee, Wis.

**DUPLICATING SCALE TICKET BOOK**

No. 62, is designed especially for country dealers who use scale tickets. It is a book 9x12 inches, check bound in heavy board covers. It contains 200 sheets, 100 white perforated sheets being interleaved with 100 manila sheets. On one side of the white sheets are printed 8 scale tickets, each ticket being printed, ruled and spaced for the following information: Date; Bot of; Price per Cwt.; Price per Bu.; Driver on, Off; Gross; Tare and Net Lbs.; Net Bus.; Weigher. It is intended that a sheet of carbon shall be placed between the white and manila sheets, so that altho the weigher tears out a ticket and gives to each driver, he retains a facsimile of each scale ticket given out. 800 tickets in each book. PRICE \$1.25.

**GRAIN DEALERS JOURNAL, LA SALLE STREET CHICAGO, ILLINOIS**

**SECOND-HAND**

Shellers, Cleaners, Clippers, Scales, Feed Mills, Steam Engines, Boilers, Gasoline Engines, Belting, Buckets, Conveyors or any other elevator machinery can be bought or sold quickly by placing an ad. in the "Wanted" or "For Sale" columns of the

**GRAIN DEALERS JOURNAL**  
OF CHICAGO

**WHAT DO YOU NEED**

to modernize your plant so it will net you larger profits? Is it here?

Cleaner  
Sheller  
Buckets  
Boots  
Belting  
Portable Elevator  
Power Shovel  
Car Puller  
Scarifying Machine  
Gravity Cleaner  
Clover Huller  
Manlift  
Bags and Burlap  
Transmission Machinery  
Separator  
Grain Driers  
Grain Triers

Car Loader  
Conveying Machinery  
Transmission Rope  
Sample Envelopes  
Power { Gas Engine  
Kerosene Engine  
Motors  
Dump  
Storage Tanks  
Feed Mill  
Elevator Leg  
Distributor  
Car Liners  
Scales  
Moisture Testers  
Oat Bleachers  
Oat Clipper

or anything used in a grain elevator.

Tell us your needs, and we'll put you in touch with reputable firms, to the end that you will receive information on the latest and best equipment. A postcard will do.

**INFORMATION BURO**

Grain Dealers Journal, 305 So. La Salle St., Chicago

**For Sale**

For particulars see the  
**"ELEVATORS FOR SALE"**  
columns of the Grain Dealers Journal, Chicago

Those looking for elevator properties invariably consult its "Elevators for Sale" columns. If your elevator is for sale, make the fact known to the entire trade, put your For Sale sign in the "Elevators for Sale" columns, then you can be sure of selling quickly at a good price, and pay no commission on sale.

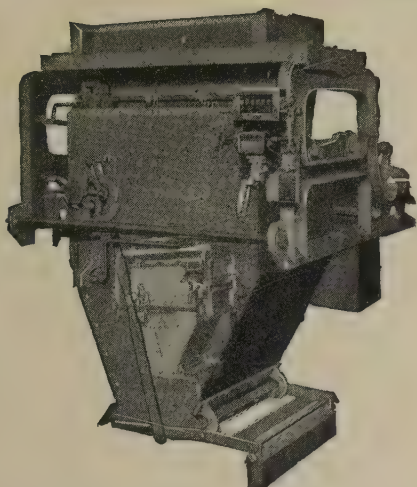
If you do not wish neighbors to know your elevator is for sale, you can have replies come in our care and we will forward them daily.

**The cost for advertising is 20c per line**



# This Is the Age of Efficiency—

and this is the Most Efficient Automatic, Type  
Registering, Grain Shipping Scale



**E**FFICIENCY is being applied to all lines of business. Efficiency reduced to the simplest terms means more profit.

Inefficiency simply means needless waste and loss of profit.

The majority of Grain Dealers who have used Automatics recognize that the Richardson Scale represents the highest obtainable efficiency, consequently it is the most widely used Automatic scale on earth.

If you are not using a Richardson, are you sure you are not losing a good many dollars' worth of grain every year?

*Stop that preventable waste!*

## RICHARDSON SCALE COMPANY

1909 Republic Building, CHICAGO  
532 State Bank Building, OMAHA, NEB.

Other offices at Passaic, N. J., Buffalo, N. Y., Dallas, Texas, Atlanta, Ga., New York, N. Y.

818 West Emporia Street, WICHITA, KAS.  
413 Third Street, SOUTH MINNEAPOLIS

### POST YOUR PRICES

TODAYS PRICES	
OATS	45
CORN	77
WHEAT	101
RYE	118
BARLEY	134
CLOVERSEED	950

and stick to them. The farmer likes to know he is getting a square deal.

An attractive, convenient Bulletin for posting the prices you are bidding for grain, seeds and hay, will save you money.

Price Posting Bulletin Form 1 is made of heavy No. 30 gauge steel, japanned so that it will not rust. Top piece contains the words "TODAY'S PRICES" in bold, white type; punched for screw hooks. Six card holders are hung to top so as to provide room to post prices bid for different commodities.

Card holders are turned over on top and bottom edges so they will hold the cards firmly. Complete set of cards bearing the words, Oats, Wheat, Rye, Barley, Y. Corn, W. Corn, Flax, Clover, Timothy, Alsike and Hay; and 10 sets of digits so that the price of each commodity may be easily and quickly posted.

Order Form 1.

Size 14x19 $\frac{1}{2}$  inches.

Price \$2.00

GRAIN DEALERS JOURNAL

315 South La Salle St.

Chicago, Ill.

### Purchase and Sale Contracts

is a new book, designed to meet an ever increasing demand for a record which will enable the dealer to balance his Purchases and Sales and determine almost instantly, whether he is long or short.

Separate pages are devoted to each kind of grain, thus simplifying the recording of each contract. This form covers facing pages, the left hand pages being devoted to a record of contracts for—Purchased, under which the following information is entered: "Date, From Whom Bot, Bushels, Grade, Delivery, Price, By Whom, How and Remarks."

The right hand pages provide spaces for a record of contracts for—Sold as follows: "Date, To Whom, Bushels, Grade, Shipment, Price, By Whom, How and Remarks."

Do not attempt to do business without keeping this record. It requires only a few minutes work each day and may prevent large losses with the present unstable conditions of the market.

The book contains 80 double pages, size 8 $\frac{1}{2}$ x14 inches, ruled and printed on heavy ledger paper and well bound in full tan canvas.

Order Form 18 P & S, price \$2.00 per copy

GRAIN DEALERS JOURNAL

315 South La Salle St.

Chicago, Ill.



# Wanted and For Sale

The rate for advertisements in this department is 20 cents per type line each insertion

## ELEVATORS FOR SALE

**OHIO** elevator, warehouse and coal sheds for sale, 100 car point for \$6,000; no trade. Address Box 546, LaRue, Ohio.

**WYOMING** elevator of 5,000 bus. capacity for sale; \$2,500, which is less than it has cleared on some crops. Address Owner, P. O. Box 57, Denver, Colo.

**BIGGEST OPPORTUNITY** in Southwestern Minnesota—Elevator with coal, flour and feed, for sale. For price address Ed, Box 11, Grain Dealers Journal, Chicago.

**NORTH DAKOTA** elvtr., 50,000 bus. capacity, mill 125-bbl. cap. \$42,000; terms: inventory our office. Hale, 452 Monadnock Bldg., Chicago.

**INDIANA** grain elvtr., 35,000 bu. cap., established paying proposition; about \$10,000 cash required. Hale, 452 Monadnock Bldg., Chicago.

**GRAIN** elevator and mill for sale, on Frisco right-of-way at Bushyhead, Okla.; fully equipped to operate. Rich farming country. For information, write George Webb, Administrator, Chelsea, Okla.

**FOR SALE CHEAP** to close an estate. A grain elevator with large steel tank in connection. Located in good farming country. Must be sold at once. Edward C. Farmer, St. James, Minn.

**SOUTHERN INDIANA**—Good elevator, feed and coal business for sale. Private switch; plenty of sheds and large warehouse; all in good repair. Address Feed, Box 10, Grain Dealers Journal, Chicago.

## ILLINOIS ELEVATORS.

Two or three especially good bargains in elevators in Central Illinois, whose owners desire to dispose of them before the new oat crop starts to move. Good terms can be obtained on all of these elevators. Jas. M. Maguire, 6454 Minerva Ave., Chicago.

**NORTHEASTERN IOWA**—10,000 bushel capacity grain elevator for sale; located in Clermont, Fayette County, Iowa; town of about eight hundred population and growing fast; good grain town. Address Drive, Box 2, Grain Dealers Journal, Chicago, Ill.

**OKLAHOMA**—Grain elevator for sale; size, length 24 ft., width 16 ft., height 20 ft. Has 12,000 lbs. capacity Hopper scales, 12 horse International gasoline engine with grain cleaner and clipper; wagon scales 12,000 lbs. capacity. J. M. Haigler, Carlton, Okla.

## RECEIVER'S SALE

Assets of partnership of R. & J. Ervin estate will be sold at public auction to the highest bidder on Saturday, July 28th, at 10:00 A. M. at the grain office of R. & J. Ervin, located on the south 32 feet of Block "A" in the city of Tuscola, Ill. Elevator situated on I. C. Ry. together with all appurtenances thereto, also south 32 ft. of Block "A" in Tuscola. Terms cash, subject to approval of the County Court of Douglas County, Ill. E. C. Murphey, Receiver, Tuscola, Ill.

Somebody's always hunting an elevator, and there is no wrong time of the year to put an ad in the "Elevator For Sale" columns of the Journal.

## ELEVATORS FOR SALE.

**KANSAS** elevator and coal business for sale; good location. For particulars, address E. F. Adams, Everest, Kans.

**FOR SALE**—30,000 bushel capacity elevator complete with machinery and additional warehouses. Address Coleman State Bank, Coleman, Wis.

**FOR SALE**—Two Ohio elevators on Erie and Big Four R. R. Elevators doing a good business; good reasons for selling. Address Rain, Box 11, Grain Dealers Journal, Chicago, Ill.

**MINNESOTA**—Elevator fully equipped, gas power, dump scale, coal sheds; in good condition; close to Rochester, Minn., doing fine business. Address Box 79, Grand Meadow, Minn.

**CHOOSE YOUR ELEVATOR** from the many offered. Insert an advertisement in the "Elevators Wanted" columns of the Grain Dealers Journal, and select one at a satisfactory price and station.

**FOR SALE**—Elevator and feed mill, feed, flour, grain, seeds, phosphate, poultry supplies; in Dairy section Central New York. For particulars, address R. N. Dersheimer, Dryden, N. Y.

**TWIN ELEVATORS** for sale; no competition here, located in Western Ohio. \$200,000 to \$300,000 business annually. Address Twin, Box 1, Grain Dealers Journal, Chicago, Ill.

**MICHIGAN**—Grain and bean elevator, fully equipped and in good condition with coal sheds connected. Located in central part of Michigan on Grand Trunk. Will sell at a sacrifice. Address Grand, Box 11, Grain Dealers Journal, Chicago, Ill.

**NORTH DAKOTA**—40,000 bushel capacity elevator for sale in Jud, N. D., in good condition; crop is looking good; elevator is located on the N. P. R. R. Reason for selling, owner has other business interests. For full particulars, address Road, Box 1, Grain Dealers Journal, Chicago, Ill.

**EASTERN MICHIGAN**—25,000 bushel capacity house in good wheat, oat and bean country, doing a large business. Reason for offering, ill health. Good coal and feed business in connection, located on Grand Trunk main line thirty miles west of Port Huron. Price upon application. Only those meaning business need answer this advertisement. Address C. R. Taylor, Capac, Mich.

**PUBLIC SALE** of Winnebago Produce & Supply Co. elevator, lumber, coal and machine sheds and grounds Saturday, Aug. 4, 1917, 2:30 o'clock. All of the above property situated in the village of Winnebago, Winnebago County, Illinois. A good market surrounded by a good country. Capacity 11,000 bushels. Terms—20 per cent cash in hand on day of sale, balance on or before Sept. 1, 1917, on delivery of deed. Possession given Sept. 1, 1917. Wm. R. McGeachie, President, Winnebago, Illinois. Fred H. Smith, Attorney, 312 West State St., Rockford, Ill.

## ELEVATORS WANTED.

**WANTED**—Elevator in good grain section of Illinois. Give full particulars. Address Box 115, Dana, Ill.

**WANTED** to lease or buy country elevators in good grain territory in Nebraska. Address Nebraska, Box 2, Grain Dealers Journal, Chicago, Ill.

**WANTED** to buy or rent Eastern Iowa elevator in good grain section. Mean business. Address Cedar, Box 2, Grain Dealers Journal, Chicago, Ill.

## ELEVATOR BROKERS.

**JOHN A. RICE**, exclusive elevator broker, Frankfort, Indiana.

**ELEVATOR BUYERS SAVE TIME AND MONEY BY WRITING ME WHAT YOU WANT. I HAVE IT OR WILL GET IT.** NAT CLAYBAUGH, elevator broker, Frankfort, Ind.

## HALE & COMPANY.

Business Brokers—Investments.  
452 Monadnock Bldg., Chgo., Harrison 5060.  
Any legitimate business, elevator, stock or property sold or exchanged on commission; 14 years' experience; large staff trained, competent salesmen. **QUICK RESULTS. STRICTEST CONFIDENCE.** References "former clients."

## BIDS WANTED.

**THE UNDERSIGNED** will receive bids to construct an elevator at Clinton, Mo., up till Aug. 3, reserving the right to reject any and all bids. J. W. Scherff, Sec., Farmers Elevator & Supply Co., R. R. 2, Clinton, Mo.

## BUSINESS OPPORTUNITIES.

**FOR SALE**—Grain, Seed, Fuel and feed business in good County Seat town in No. Dak. Two railroads, first class country and people. Property about \$11,000.00 stock at invoice. Terms on part. A. E. Ireland, Carrington, N. Dak.

**WHATEVER** your business may be, it will find a ready market if advertised in the "Business Opportunities" column of the Grain Dealers Journal, Chicago, Ill. 6,300 grain men look to these columns twice a month for real opportunities.

## FOR SALE OR TRADE.

Corn Product mill located at Lafayette, Indiana, with 250 H. P. Corliss engine, double boilers and shafting; could be used for other mfg. plant; has over 18,000 sq. feet floor space in main building; Wabash Railroad side track with scales. Bargain price \$25,000. Apply to John W. Gaither, New Albany, Indiana.

## FLOUR FOR SALE.

**MIXED CARS** of flour and mill feeds in 100 pound sacks are our specialties. We are now manufacturing a full line of corn goods, cracked corn, feed meal, corn and oats chop, Ohio Farm feed, shelled corn and standard oats, in connection with our flouring mill. Would like to send you a trial to convince you of the superiority of our products. Ansted & Burk Co., Springfield, Ohio.

Sympathy never sold a feed mill, but a Journal "For Sale" ad has. Try it.



## MACHINES FOR SALE.

**FOR SALE**—One No. 3 Invincible double receiving separator. 523 Board of Trade, Indianapolis, Ind.

**FOR SALE**—1,500 Bushel Invincible grain cleaner. Address Burrell Eng. & Constr. Co., 327 S. LaSalle St., Chicago.

**FOR SALE**—A No. 147 Clipper Cleaner with 29 screens, conveyor and bagging attachment, all good as new. Oshkosh Seed Co., Oshkosh, Wis.

**FOR SALE**—10 oil engines, 20 grain cleaners, 50 grinders, 100 roller mills, pulleys, hangers. Half price, like new. A. D. Hughes Co., Wayland, Mich.

**FOR SALE cheap**, several double cleaners for grain or seed; want to close at low price; successfully used by hundreds of grain men. For full particulars, write Johnson & Field Mfg. Co., Racine, Wis.

**FEED GRINDERS** for sale cheap, 18 in. buhr American attrition mill, 2 drive shafts 7 ft. long, 2 pulleys, 39x8 in., 2 take-up blocks, 1 6 in. leather belt. Address Gantter & Bedat Elevator Co., Kaukauna, Wisconsin.

### FOR SALE.

One No. 00 Barnard & Leas Little Victor corn cleaner.

One Whitman & Barnes hay baler, as good as new.

One No. 3½ Prinz improved grading and separating machine (especially for Cockle). Columbia Mill & Elevator Co., Columbia, Tenn.

### FOR SALE—MACHINERY AT BARGAIN PRICES.

- 1—No. CC "Sonander" Automatic Scale, 3 bu. hopper, cap. 500 bu. per hr.
- 1—No. D "Sonander" Automatic Scale, 4 bu. hopper, cap. 1,000 bu. per hr.
- 2—No. 4 "Monogram" Exhausters.
- 1—9 inch "Caldwell" Trolley Spout.
- 12—3 inch Cast Iron Floor Funnels.
- 2—No. 25 "Niagara" dust collectors.
- 2—No. 26 "Niagara" dust collectors.
- 4—No. 930 "Gauntt" feeders.
- 1—No. 2 Invincible—"Sypher" magnetic Separator.
- 3—No. 5 "Monitor" Cracked corn separators.
- 1—No. 2½ "Invincible" oat clipper.
- 1—9x18 "Case" Two pair high feed mill.
- 2—9x24 "Allis" Three pair high feed mills.
- 1—9x30 "Allis" Three pair high feed mill.
- 2—No. 8 "Bowsher" feed mills.
- 1—No. 1 "Willford" feed mill.
- 1—No. 0 "Willford" feed mill.
- 1,000 ft. 4 inch Steel Conveyor.
- 900 ft. 6 inch Steel Conveyor.

Beltings, pulleys, hangers, shafting, buckets, bolts, separators, boots, etc. Everything for flour mills, feed mills and grain elevators.

We ship to responsible parties on 30 days' time.

Write today for our complete bargain list.

Est. 1872. B. F. Gump Co. Inc. 1901.  
431-437 S. Clinton St. Chicago.

## TEUSCHER AND SON MACHINERY SUPPLY CO.

St. Louis, Mo.

**We Just Received  
125,000 Lbs.**

(2 Carloads)

of New Canvas Stitched Belting in full rolls, and remnants 1" to 48" wide—4-5-6-8-10 Ply. Big Price Reduction. Write for complete list.

## MACHINES FOR SALE.

**FOR SALE**—One No. 2 Cranson Scourer. One 18" R. H. Single Feed Grinder. Box 614, Monticello, Ind.

**FOR SALE**—3 improved round reel corn scalpers, 1 corn cleaner, 3 large pulleys, good condition. \$300; or what have you? Box 168, Stella, Nebr.

**FOR SALE**—Two Star traction water well drilling machines, one No. 1 and one No. 1 special. C. Friedly, Dunkirk, Ohio.

**ELEVATOR OPERATORS** wanting good second-hand elevator machinery or supplies invariably make their want known thru the "Machinery Wanted" columns of the Grain Dealers Journal, Chicago.

**FOR SALE**—Machinery at bargain prices. 1 Alfalfa mill, 1 Niagara dust collector, 1 S. Howes Packer, iron pulleys which range in size from 3x8 inch to 12x60 inch; steel shafting 105 feet, 3 inches in diameter in 15 foot lengths with connections. Write for prices. R. G. Welge, Blackwell, Okla.

### BARGAINS. BARGAINS.

Attrition mills, No. 8 Bowsher roller mills, Burr mills, reels, pulleys, friction clutch pulleys, heavy duty belt tighteners, sprocket wheels, boxings, etc. Let us have your wants; we may have it at a bargain as this material is for sale. A. G. Brandt Mfg. Co., Hagerstown, Ind.

### BARGAINS AND QUICK SHIPMENTS.

Fine rebuilt Ball Bearing attrition mills, all sizes. 100 gal. Molasses heating kettle. 22 hp. vertical steam boiler, complete with injector and 50 ft. smoke stack. 9x18 corn cracker with magnetic separator. Also oat crusher, 6x12 corn cracker. 500 bu. Fairbanks Hopper scale. Several Westinghouse D. C. motors.

Any amount of other mill and elevator machinery. Complete equipments scientifically arranged for modern flour and Cereal Mills, molasses stock and poultry feed plants. Plans and flow sheets. Write today.

George J. Noth, Manager,  
No. 9 So. Clinton St. Chicago, Ill.

Do you want the name and address of the man who should be working for you? Try an ad in the "Help Wanted" columns of the Journal.

## GRAIN TESTER FOR SALE.

**FOR SALE**—Hess moisture grain tester. For price, address Nutriline Milling Company, Ltd., Crowley, Ia.

## BELTING FOR SALE.

### FOR SALE.

2-26" 4 ply Rexall canvas belts, 118 feet and 225 feet long.

2-26" 4 ply rubber belts 168 feet and 105 feet long.

All in good condition. The Stephens Engineering Co., Chicago.

## ENGINES FOR SALE.

**FOR SALE**—One 8 H. P. International gas engine, good as new. Roberts & Pearson, Maquon, Ill.

**GASOLINE ENGINES**—We have a few bargains in REBUILT 8-10-12-16-20-24 H. P. engines. Write for particulars. Charter Gas Engine Co., Sterling, Ill.

**FOR SALE**—1 12 H. P. Fairbanks engine, complete with fuel tank, magneto and clutch pulley. The Hiawatha Light, Power & Ice Co., Hiawatha, Kansas.

**FOR SALE**—1 Fairbanks-Morse 20 H. P. gasoline engine, also 1 Fairbanks 9 H. P. vertical gasoline engine; both in good condition. Miller Bros. Co., St. Anthony, Idaho.

**FOR SALE**—50 h. p. Fairbanks-Morse oil engine, Type "N. B." Used very little, good as new. Have cheap electric power and don't need it. Chas. Wolohan, Birch Run, Mich.

**ANY KIND, ANY SIZE, ANY PRICE** gasoline engine which is not in use and which you wish to sell, will find many ready buyers if advertised in the "Gasoline Engines" column of the Grain Dealers Journal, Chicago. Try it.

**FOR SALE**—35 h. p. stationary Olds gas engine, equipped with magneto; has "Make and Break" ignition, water pump, underground gas tank with all necessary connections; in excellent condition. Can make prompt shipment. Address Samuel Hastings Co., Cairo, Ill.

### POWER TO FIT EVERY DEMAND

High grade rebuilt engine values, 1 to 100 hp. at prices you want to pay. Send for big list of engines suited for elevators and mills, for factories and farms, for autos and trucks, for boats and hydroplanes and state your power needs so that we may quote with description.

BADGER MOTOR CO.,  
MILWAUKEE, WIS.

## DO IT NOW

## GRAIN DEALERS JOURNAL

315 So. La Salle St., Chicago, Ill.

Gentlemen:—Enclosed find One Dollar and Fifty Cents for which please send the *Grain Dealers Journal* on the 10th and 25th of each month for one year to

Name of Firm.....

Capacity of Elevator

Post Office.....

.....bus.

State.....



**SITUATIONS WANTED**

**POSITION** as Mgr. Farmers Elevtr. or Equity elevtr. in Western Montana. Five years' experience; can give excellent references and bond. Address Mat, Box 2, Grain Dealers Journal, Chicago, Ill.

**WANTED**—Position as engineer or elevator foreman by young man. Five and one half years experience; good mechanic; sober and steady. Reference from former employer. Address Box 123, Dixon, Iowa.

**EXPERIENCED HELP**, such as managers for country stations, foremen, auditors and employees need in the grain business are readily secured thru an ad in the "Help Wanted" column of the Grain Dealers Journal, Chicago.

**WANTED**—Position as grain buyer; have had six years' experience in buying, selling and grading grain. If you need a man with ability and experience, communicate with me. Prefer Idaho or Montana. Address Position, Box 2, Grain Dealers Journal, Chicago, Ill.

**WANTED**—Position with large grain or seed company by married man; have had 11 yrs. exp. in grain, lumber and coal business. Will consider work anywhere west of Mississippi River. No proposition too big, as I have always made a success. Address Seed, Box 2, Grain Dealers Journal, Chicago, Ill.

**GRAIN MAN**, six years experience with terminal elevator wants position with firm offering advancement for satisfactory service; expert bookkeeper and thorough knowledge marketing coarse grain; start at once. References. What have you? Write or wire W. F. Gifford, General Delivery, Lohrville, Iowa.

**POSITION** as manager of Farmers Elevator in town with good schools; have had long experience in the grain business, lumber and sidelines. Competent bookkeeper. American, middle-aged, small family; clean record, good habits and references the best. Address Central Illinois, Box 1, Grain Dealers Journal, Chicago, Ill.

**POSITION WANTED**, in the near future as a traveling solicitor. Prefer N. W. but am well acquainted with Farm elevtr. Co.'s in several states. Sober, industrious, in prime of life; managed all kinds of elevtrs. in 4 states for 10 years with A-1 success. All letters promptly answered. Address Main, Box 1, Grain Dealers Journal, Chicago, Ill.

**POSITION WANTED** as mgr. or buyer in a good grain region; experienced in all kinds of country elevtrs. in several states, line, farmers and private companies, with A-1 success. Know how to hustle; temperate, in prime of life. Bonds for any amount. Former employers my references. Write, prompt reply, Prime, Box 2, Grain Dealers Journal, Chicago.

**ARE YOU** looking for a position in any branch of the grain business? If you are send us your name, address, nationality, languages spoken, experiences, salary expected, references, in fact any information that will help an employer to form an idea of your ability to serve him. We will keep this information on file and from time to time place you in touch with elevator owners who seek competent help. This service will be absolutely free, placing you under no obligation whatever. Write today and get in line for a good position. Address—The Want Ad Man, Grain Dealers Journal, Chicago, Ill.

When the first ring of the door bell is not answered, don't conclude that the folks are not at home. This applies to Journal "Wanted—For Sale" advertising. Ring again.

**SITUATIONS WANTED.**

**WANTED**—Position as Supt. or auditor with elevator company or with good commission firm; 15 yrs. exp. in the country end of grain business; fully capable. For full particulars, address Side, Box 2, Grain Dealers Journal, Chicago, Ill.

**WANTED**—Position with good grain firm; am 25 years of age, have had college education with four years' experience in the handling of grain, seeds, hay and feed, both buying and selling. Address Hay, Box 2, Grain Dealers Journal, Chicago.

**WANTED**—Position by all around gr. and mill office man, age 28; married, good habits; 12 yrs. exp. in gr. and mill office; well acquainted with all phases of business from managing end and can fill any position in office; speak, read and write German and English fluently. Prefer position in mill of 150 to 500 bbls. where ability is appreciated; with chances of getting working interest in the firm; will go anywhere, but prefer N. W., as I believe future prospects of business to be more promising in that field. Any liveable salary considered until ability is demonstrated. Write Fair, Box 2, Grain Dealers Journal, Chicago.

**HELP WANTED**

**WANTED**—Grain buyer for Eastern North Dakota town; must be experienced and able to speak Bohemian; require references. Address Lily, Box 2, Grain Dealers Journal, Chicago, Ill.

**WANTED**—Man to take first place in country elevator, one who is able to keep house in good shape. Good wages and steady work. No Boozers. Address P, Box 2, Grain Dealers Journal, Chicago, Ill.

**WANTED**—By Michigan firm, live young man with some experience in jobbing hay and potatoes. State age, experience, references and terms in first letter. Addo. Mine, Box 11, Grain Dealers Journal, Chicago.

**HELP WANTED**—Man to run country elevator in Oklahoma who is judge of wheat and corn and able to produce results. Good salary to right man. Answer quick. Address Taxi, Box 1, Grain Dealers Journal, Chicago, Ill.

**WANTED**—Man for general work in 75-bbl. flour mill in Central Minnesota town; prefer young married man; must be able to speak German and have had some grain experience. Address Bert, Box 2, Grain Dealers Journal, Chicago, Ill.

**WANTED**—A man who has had experience in handling business of country elevator or small country mill. Have good position for right man to take charge of small mill and elevators at three country stations. Address Aunt Jemima Mills Company, St. Joseph, Mo.

**WANT A JOB** as grain buyer, manager of an elevator, engineer, traveling solicitor or any position connected with the grain business? If so, make your wants known to progressive grain dealers who are in need of experienced help through the "Situation Wanted" column of the Grain Dealers Journal.

**WANTED**

Seed analyst, young lady preferred, to make purity and germination tests of Field Seeds. State age, training, experience and salary expected.

**COURTEEN SEED CO.**

Milwaukee, Wis.

**PARTNERS WANTED.**

**PARTNER WANTED** in grain business; country station Central Ohio; good territory. Address Country, Box 2, Grain Dealers' Journal, Chicago, Ill.

**YOU CAN SECURE** a partner if you make your wants known to the grain trade thru the Partners Wanted column of the Grain Dealers Journal.

**PARTNER WANTED**—Man with capital to handle new wheat crop. \$250,000 business last year. Handle coal, implements, feed and flour in town of 1,500. Address Free, Box 1, Grain Dealers Journal, Chicago, Ill.

**MILLS FOR SALE****MILL PROPERTY FOR SALE.**

A 35 hp. water power mill in the city of Phillipsburg, New Jersey, 6,500 population; five railroads. Will sell as a whole or take a practical miller with \$5,000, as partner to run it; \$15,000 cash now subscribed to start the business. Apply to David L. Emanuel, Karidon Hotel, Easton, Pa.

**FOR SALE.**

150-barrel flour mill with elevator attached, railway trackage; A-1 running condition, now operated under lease expiring August 1st. Ellis machinery thruout. No better location. Elevator ships over one hundred thousand bushels grain annually. Will sell if taken quick at fifty per cent of actual cost to build; any reasonable terms or trade for land not encumbered. McGray & Kjelstrup, Underwood, N. D.

**BARTER AND EXCHANGE.**

**DO YOU** want a machine or machinery? Have you a machine or machinery which you do not use or do not want? Do you enjoy having discarded machines and machinery laying around in your way, to rust out, or would you prefer to exchange it for elevator supplies you need? Use this department. Get what you want. Put your idle capital to work.

**MANY STEAM BOILERS** in good condition have been taken out of grain elevators during the last year, all of which could have been used advantageously for storing oil, molasses or for pressure tanks. When the landscape surrounding your elevator is cluttered with discarded machines, tell your brother grain dealers about it. They may have something to exchange which you would like to have.

**MACHINES WANTED.**

**WANTED**—One No. 5 Cranson Scourer in good order. Box 614, Monticello, Ind.

**WANTED**—Good second hand combination corn sheller and cleaner. Capacity from 200 to 500 bus. per hour; must be in first class condition and cheap for cash. W. E. Gest, Defiance, Ohio.

**WANTED**—Grain Dealers who are contemplating installing new machinery to use the "Machines Wanted" columns of the Grain Dealers Journal in securing prices and estimates of machines for sale. We can save you money. More than value received.

If one of your employes is "shirk-ing" get hard-hearted and insert an ad in the "Help-Wanted" columns of the Journal.



## SEEDS FOR SALE—WANTED

### SCREENINGS WANTED.

Clover and Alfalfa Seed Screenings wanted. Also Low Grade Clover Seed. Send us Samples which will have our prompt attention. King Seed Co., North Vernon, Ind.

### STEAM ENGINES—BOILERS.

FOR SALE—One 50 hp. steam engine, excellent condition, for \$250. Worth at least three times asking price. E. P. McKinney, Binghamton, N. Y.

BOILERS, 15, 25, 30 and 45 horsepower; engines, 20, 50, 60 and 150 horsepower; gasoline engines, 6, 12, 15 and 40 H. P. Pumps, heaters and tanks. Casey Boiler Works, Springfield, Ohio.

STEAM PLANT—100 hp. corliss engine and 60x16 tubular; Hartford ins. out of state; 100 lbs. heater and pump; snap. Address Economy Machinery Co., 428 E. Pearl St., Cincinnati, Ohio.

FOR SALE—High pressure boilers, engines (steam, gas or oil), generators, motors, pumps, etc. Always in the market for good used machinery—all kinds. Harlan & Harlan Machine Works, Kansas City, Mo.

WANTED—Marine boilers. We will pay cash awards for information that leads to a purchase by us of marine boilers of from 75 H. P. to 250 H. P. The Pittsburgh Boiler & Machine Co., Pittsburgh, Kans.

### DYNAMOS—MOTORS.

DYNAMOS AND MOTOR BUYERS are reached in largest numbers and less expense by offering them for sale in the grain trade's accepted medium for power bargains—the "Dynamos—Motors" columns of the Grain Dealers Journal, Chicago.

### SCALES FOR SALE.

FOR SALE—9,500 lbs. capacity Buffalo scale, good condition; reason for selling, replacing with larger scale. McCaffery Bros. Co., 120 S. 17th St., Omaha, Neb.

REFITTED 200 bushel Howe "Ball Bearing" Hopper scale; also office Fireproof safe suitable for mill or elevator office. Howe Scale Co., 407 N. 4th St., St. Louis, Mo.

SECOND - HAND SCALES OF ANY make, size or price find many ready buyers if full description is given in an advertisement inserted in the "Scales For Sale" column of the Grain Dealers Journal, Chicago.

### SECOND-HAND BAGS AND BURLAP.

BURLAP BAGS OF EVERY KIND FOR SALE; new or second-hand, plain or printed with your brand; Seamless Cotton Grain Bags; Sample Bags; Burlap, Cotton Sheet-ing, or Paper for Car Lining, etc. Wanted: second-hand bags, best prices paid. WM. ROSS & CO., 409 N. Peoria St., Chicago

### WE BUY AND SELL

Wheat Screenings, Cane Seed, Salvage Wheat, Kaffir Corn. Write or wire for prices. HENRY LICHTIG & CO., Kansas City, Mo.

### CLOVER INVESTORS

Southworth's Weekly Review summarizes the week's high-lights in clover as reflected in world's leading market. Sample copy on request. Complete hedging, investment, consignment service in clover, alsike, timothy.

SOUTHWORTH & CO., Toledo, Ohio  
GRAINS—SEEDS—PROVISIONS

### MISSOURI BRAND SEEDS

Specialists

KANSAS GROWN ALFALFA  
MISSOURI GROWN BLUE GRASS  
MISSOURI SEED CO.  
KANSAS CITY, MISSOURI

### The Mangelsdorf Bros. Co.

Sweet Clover, Alfalfa,  
Soudan Grass, Millet, Rape.

ATCHISON

KANSAS

### CLOVER—TIMOTHY SEED CORN

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Ask for Samples and Prices

FARMER SEED & NURSERY CO. Minn.  
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### HENRY HIRSCH

WHOLESALE FIELD SEEDS

CLOVER—ALSIKE—TIMOTHY—ALFALFA

Our Specialty

All Other Field Seeds

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### THE

### ILLINOIS SEED CO.

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Ask for Prices

Mail Samples for Bids

## Directory Grass Seed Trade

### ATCHISON, KANS.

Mangelsdorf Bros. & Co., The, wholesale seeds.

### BALTIMORE, MD.

Scarlett & Co., Wm. G., whse. seed merchants.

### BELFAST, IRELAND.

Lytle & Sons, Ltd., John, Per. & Ital. Ryegrasses. McClinton & Co., wholesale, export & import. McCausland, Samuel, ryegrass and dogstail.

### CHICAGO, ILL.

Dickinson Co., The, Albert, seeds. Illinois Seed Co., The, grass and field seeds. Johnson, J. Oliver, seed merchant.

### CRAWFORDSVILLE, IND.

Crabbs Reynolds Taylor Co., grass and field seeds. Crawfordville Seed Co., seed merchants.

### EVANSVILLE, IND.

Small & Co., W. H., seeds, grain and hay.

### FARIBAULT, MINN.

Farmers Seed & Nursery Co., seed merchants.

### GIBSON CITY, ILL.

Noble Bros., whse, seed merchants.

### INDIANAPOLIS, IND.

Indiana Seed Co., The, Seed Dealers. Southern Seed Co., field and garden seeds.

### KANSAS CITY, MO.

Missouri Seed Co., who. exp. and imp. Peppard Seed Co. J. G., wholesale seeds. Rudy-Patrick Seed Co., wholesale seeds.

### LAWRENCE, KANS.

Busch Seed Co., W. J., seeds and grain.

### LOUISVILLE, KY.

Hardin, Hamilton & Lewman, field seeds. Lewis & Chambers, field seeds. Louisville Seed Co., clover & grasses.

### MACON, GA.

Georgia Seed Store, field and garden seeds.

### MILWAUKEE, WIS.

Courteen Seed Co., field seeds. Milwaukee Seed Co., wholesale seeds. L. Teweles Seed Co., field seeds.

### MINNEAPOLIS, MINN.

Dickinson Co., The, Albert, seeds. Minneapolis Seed Co., seed merchants. Northrup, King & Co., wholesale seeds.

### NEW YORK, N. Y.

Radwaner, I. L., field & grass seeds, exp. impts.

### PHILADELPHIA, PA.

Philadelphia Seed Co., Inc., The, whse. field sds.

### ST. LOUIS, MO.

J. Goldsmith & Co., grass seeds, peas, grain. Kaercher-Schisler, F. & G. S. Co., seed merchants. TOLEDO, OHIO.

Crumbaugh-Kuehn Co., alsike, timothy, alfalfa. Hirsch, Henry, clover, alsike, timothy, alfalfa. The Toledo Field Seed Co., clover, timothy.

### TWIN VALLEY, MINN.

Heiberg Elevator Co., wholesale seed merchants.

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Headquarters for

Red, White and Alsike

Clover

Timothy and Alfalfa

Seed

SEED CORN FIELD PEAS

### SCALES REPAIRED AND SOLD

50 wagon scales, capacity from 4 to 15 ton. Any size platform in following makes; Fairbanks, Howe, Buffalo, Standard and Columbia. Each scale that leaves our factory is thoroughly overhauled and tested and guaranteed to be correct. We furnish competent men for outside work.

COLUMBIA SCALE CO.

1009 West Ohio Street Chicago, Ill.

Carrying money to the bank becomes a habit with Advertisers who regularly use the advertising pages of the GRAIN DEALERS JOURNAL.



## SEEDS FOR SALE—WANTED

### SEEDS WANTED.

**OLD TURNIP SEED** wanted; highest price paid; make sampled offers. Address Rex, Box 2, Grain Dealers Journal, Chicago.

**THE SHORTAGE** in all kinds grass and field seeds is such that it behooves grain dealers everywhere to assist their farmer patrons to secure all the seeds needed to plant the maximum acreage. If you need seed and do not know where to get it, write us quantity and quality wanted and we will make the facts known to all our readers free of charge next two months.

### SEEDS FOR SALE.

**FOR SALE**—Black Hills alfalfa seed; \$6 per bushel. For sample, send stamp to Brookside Farm, Buffalo Gap, S. D.

**PERENNIAL Rye Grass, Italian Rye Grass and Crested Dogtail.** Highest grades; re-cleaned and tested. C. I. F. U. S. Ports. Samples and offers on request. McClinton & Co., Belfast, Ireland.

**SEED BUYERS AND SELLERS** can quickly sell any quantity or buy any amount or quality by making their wants known through the "Seeds Wanted—For Sale" columns of the Grain Dealers Journal, Chicago, Ill.

### SEEDS FOR SALE.

**FOR SALE**—Sunflower seed, carlots or less. Southeast Mo. Grain Co., Malden, Mo.

**FOR SALE**—Superfine tested Perennial and Italian Ryegrasses. Crested Dogtail. John Lytle & Sons, Ltd., Belfast, Ireland.

**FOR SALE**—Five hundred bushels semi-arid grown alfalfa seed. Address Western South Dakota Alfalfa Seed Growers Ass'n, Rapid City, S. D.

### WINTER VETCH

NEW CROP MICHIGAN GROWN  
YOUNG-RANDOLPH SEED CO., Owosso Mich

**Crabbs Reynolds Taylor Company**  
Crawfordsville, Indiana  
Buyers and Sellers  
CLOVER AND TIMOTHY SEED—GRAIN

**RUDY-PATRICK SEED CO.**  
**ALFALFA—TIMOTHY**  
KANSAS CITY, MO.

### THE CRUMBAUGH-KUEHN CO.

We pay top prices for seeds. Your track or Toledo. Send samples.  
**CLOVER**  
ALSIKE TIMOTHY ALFALFA  
TOLEDO, OHIO  
Samples, prices and our market letter upon request. Cash and futures.

### CLOVER SEED--TIMOTHY SEED

That order for clover or timothy futures

"Send it to Zahm"

**J. F. ZAHM & COMPANY, Toledo, Ohio**  
Here since 1879 Ask for our daily Red Letter—Free

### The Toledo Field Seed Co.

Clover and Timothy Seed

Consignments solicited. Send us your samples.  
Toledo, Ohio

### LOUISVILLE SEED COMPANY

INCORPORATED  
LOUISVILLE, KY.  
Headquarters for  
**RED TOP AND ORCHARD GRASS**  
BUYERS AND SELLERS  
OF ALL VARIETIES FIELD SEEDS

### FLOWER, FIELD and LAWN SEED

**J. OLIVER JOHNSON**

Wholesale

**SEED MERCHANT**

1805-9 Milwaukee Ave., CHICAGO, ILLINOIS

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Use a good Telegraph Cipher Code. Prevent Errors, Reduce the Cost of Sending Messages and Prevent Contents Becoming Known to Agents.

**Universal Grain Code**, the most complete and up-to-date code published for the use of the grain dealers and millers. Its use will protect the contents of your messages as no other code used in the domestic grain trade can do. Its 146 pages of bond paper contain 13,745 expressions for present-day terms, and no two of them are near enough alike to cause confusion in the translation of messages. Bound in flexible leather. Price, \$3.00.

**Robinson Cipher Code** with 1912 Supplement, an absolute necessity with every grain dealer who handles any of his business over the wire. Bound in full leather, and printed on bond paper. Price, \$2.00.

**A. B. C. Improved 5th Edition**, contains a complete set of five letter code words for every expression in the former edition. Any two of these words may be combined and sent as one word, reducing telegraph tolls 50 per cent. Price in English, \$15.00.

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**Baltimore Export Cable Code**, third edition, the latest, simplest and most popular code used in the export grain trade. Bound in leather, 412 pages. Price, \$10.00.

**Your Name** in gilt letters stamped on front cover of any of the above books for 25 cents extra. For any of the codes, address

### GRAIN DEALERS JOURNAL

305 S. La Salle Street, Chicago, Ill.

## WM. G. SCARLETT & CO.

CRIMSON CLOVER - HAIRY VETCH - D. E. RAPE - HEMP  
ORCHARD GRASS - Italian - Perennial - Pacey - RYE GRASS  
FEEDING PEAS

Immediate Shipment

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### SAMUEL McCausland

Belfast, Ireland

Cleaner and exporter of finest Perennial and Italian Ryegrass seeds, Crested Dogtail seed, etc. Importer of Clover and Natural grass-seeds.

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Crawfordsville, Ind.

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TIMOTHY and MILLET Our Specialties

## FOR SALE

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In car lots or ton lots for immediate shipment.

We Specialize

**I. L. RADWANER, Seed Merchants**

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We sell all varieties of Grass and Field Seeds, Poultry and Stock Feeds, Popping Corn.

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## NOD-O-GEN

REG. U. S. PAT. OFF.

A more recent phase of "Dickinson Service" to dealers and farmers is the FREE distribution of NOD-O-GEN, legume inoculating bacteria, with ACE, PINE TREE and GLOBE brands of alfalfa seed, and with PINE TREE brand cowpea and soy bean seed.

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Learn more about NOD-O-GEN.

Do you receive our weekly market cards?

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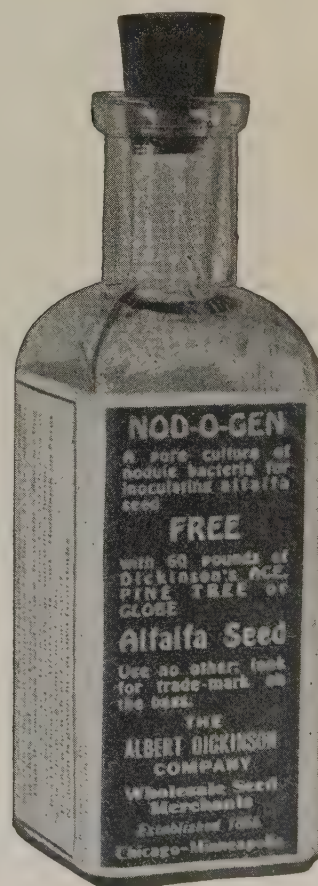
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SEED MERCHANTS

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ESTABLISHED 1855

MINNEAPOLIS





## Do You Know

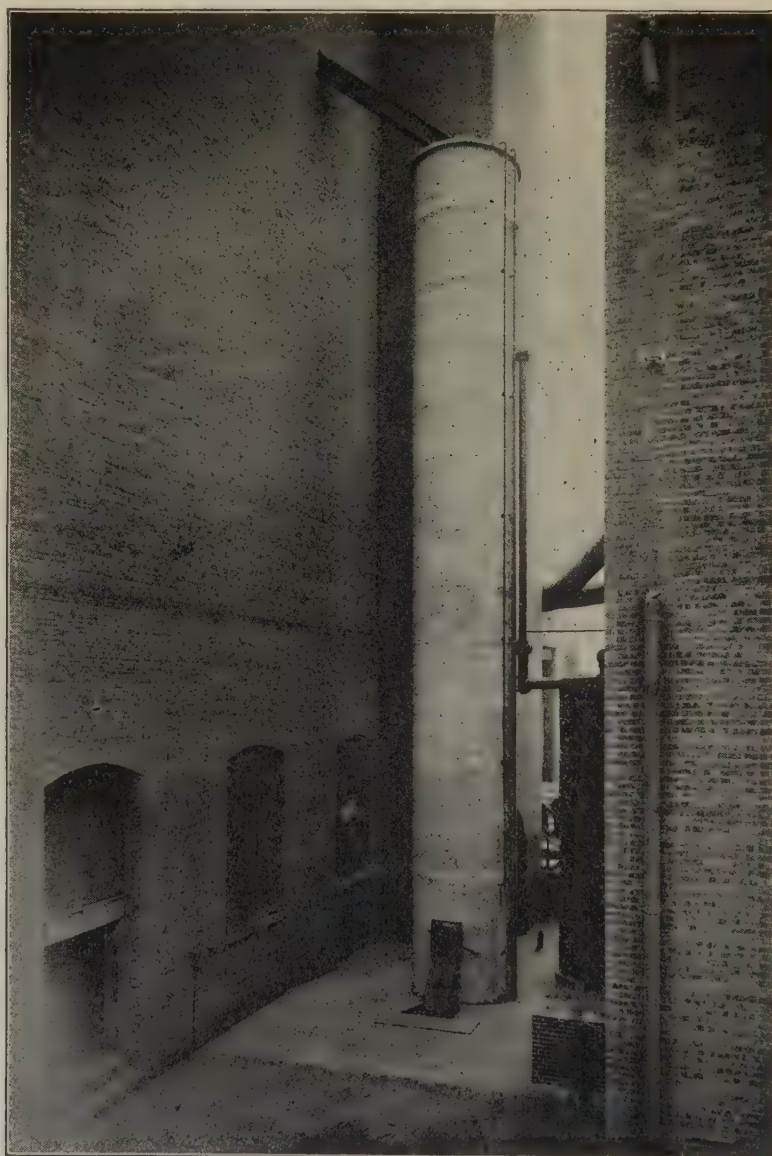
That the heaviest oat crop in history and wet weather throughout the country offers you a golden opportunity—if you have an ELLIS OAT PURIFIER? Do you know that the profit to be derived by purifying one 1600 bushel carload of oats, after deducting the actual cost of the process amounts in round figures to 2c per bushel or \$32.00 per car? Do you know that an ELLIS OAT PURIFIER having a capacity of 1600 to 2250 bushels per hour costs less than \$3,000.00 erected at your elevator complete? Do you know that an ELLIS OAT PURIFIER of the above capacity operating 10 hours a day for

**Circular  
Reinforced  
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**Erected with  
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**No Motor or  
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Mechanism**

**Thoroughly  
and Evenly  
Purified**



Typical Ellis Oat Purifier Installation

**Small Sulphur  
Consumption**

**No Excess  
Sulphur  
Fumes**

**Minimum Fire  
Hazard**

**Immediate  
Bleaching  
Results**

6 days a week will pay for itself in less than 2 weeks? These are bare facts, but you can turn them into dividends by a little clear headed thinking and action on your part.

Our capacity to install purifiers is limited, and we urge you to take immediate action. Write for literature.

The ELLIS SYSTEM OF OAT PURIFYING is protected by thirteen United States Letters Patents.

**GRAIN  
DRIERS**

**THE ELLIS DRIER COMPANY**  
Postal Telegraph Building  
CHICAGO, ILLINOIS

**OAT  
PURIFIERS**



## GRAIN DEALERS JOURNAL

[Incorporated]

Published on the

10th and 25th of Each Month at

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Charles S. Clark, Manager.

### SUBSCRIPTION RATES

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To Foreign Countries within the Postal Union, prepaid, one year, \$2.75.

A Red Wrapper on your Journal means your subscription has expired.

### THE ADVERTISING

value of the Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator men is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms catering to the grain trade, place your announcements in the Journal.

Advertisements of meritorious grain elevator machinery and supplies and of responsible firms who seek to serve grain dealers are solicited. We will not knowingly permit our pages to be used by irresponsible firms or for advertising a fake or a swindle.

### LETTERS

on subjects of interest to those engaged in the grain trade, news items, reports on crops, grain movement, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaking grain in transit, are always welcome.

### QUERIES

for grain trade information not found in the Journal are always welcome. Address "Asked-Answered" department. The service is free to all.

Entered at the Chicago, Ill., Post Office as Second-Class Matter Aug. 5, 1898.

CHICAGO, JULY 25, 1917

MARKET REPORTS have again been held by the courts to be evidence of the value of commodities to which they relate, as is reported elsewhere in this number of the Journal. It is only by the use of market reports that a dealer can arrive at the loss which he has suffered when he is forced to accept a low price for his grain because delay by the railroads causes his shipment to arrive after the market has declined. By preserving the daily market reports shippers can easily prove the loss sustained because of the carrier's delay in delivery.

A SCANDAL has developed from the letting of contracts for No. 1 timothy hay some time ago by the quartermaster's department of the army. The contracts were let to the lowest bidders, without investigating their moral standing, and it has developed that they are not members of the hay trade. The bidders delivered worthless trash and were paid for it. To interest reputable dealers in government contracts the specifications should fit the commercial grades available and all poor stuff should be rejected. Regular and reputable dealers can be depended upon to deliver hay wanted.

ONE OF the most practical suggestions for the conservation of grain that has yet come from the grain trade was presented at the annual meeting of the Montana Ass'n, to the effect that the great quantity of grain leaking from cars in transit be called to the attention of the government officials. At the same time it would be well to call the attention of the railway officials to the amount of grain they are wasting and remind them of the opportunity to repair their cars and place them in condition to carry grain before the new crop begins to move.

EMPLOYERS of labor are finding it difficult to secure enough men to keep their business going. This condition has been brought about by the calling of large numbers of men into the government service, and that the problem will increase during the period of the war is quite evident, while that it will continue even after the return of peace is a probability which should not be overlooked. It simply means that still more thought must be given to the equipment of manufacturing and handling plants with mechanical devices for performing every operation that machinery can be made to do.

GRAIN HANDLERS of the world are coming to recognize that the most efficient method for caring for cereal crops is thru bulk handling plants, which have been brought to their highest state of perfection in America. It is a strange fact that in some sections of our own country grain is still handled in bags, in view of the many disadvantages of that method, and the bag situation itself is causing grave concern, reports showing that the supply is certain to be much less than the requirements. Many elevators must be built in sections where they have not been used in the past, as the result of the present shortage of bags, so the shortage will prove a real blessing in disguise.

"ORDER ONLY ENOUGH CARS to take care of your immediate needs" is one of the recommendations made by the National Industrial Traffic League in its campaign to increase the efficiency of the country's freight cars. There is a world of sense in that advice, and there is no good reason why any shipper should file orders for more cars than will be required to transport the commodities which he has on hand. To order a car which is not needed will deprive some other shipper of the means of moving a carload of his stock, and the effects of the action may be far reaching indeed. There was never a time in our history when co-operation was more necessary, or when the opportunity for all to profit by co-operation was greater, and plans which will be worked out under stress of the present necessity will solve some of the problems that have long vexed the business men of the country.

GRAIN is being held on the farms to a greater extent than ever if the small receipts of the new crop at primary markets are any criterion. Ohio and Oklahoma both are blessed with crops of wheat much in excess of their 5-year averages, yet the arrivals at Toledo and Kansas City are but one-third of what they were a year ago. So long as the farmer is permitted to hoard wheat it will be useless to fix a maximum price, because he will not sell until the price suits him regardless of what the law-makers say.

DOCKAGE, as it is used in the federal rules for grading wheat, does not refer to a number of cents deducted from the base prices; but it is a percentage of weight deducted from the weight of the entire load to offset the weight of foreign matter which, from a milling standpoint, is worthless. Under this plan payment is made only for the net weight of wheat, and for that reason it is a plan which is fair to every one concerned. Dealers who still remember dockage in terms of price should give some careful thought to the matter in order that their bank account may not be made to suffer.

THE PROGRESSIVE DEALERS of one Indiana district recognized the value of posting prices each day by adopting a resolution at a recent meeting that the daily price be posted. Dealers in other communities who wish to retain the confidence of their patrons in these days of wild prices could profitably do likewise. The price posted out in the open where all farmers can see it reads the same price for all, while the verbal quotation can be changed for each farmer. It is far easier to buy by posted prices if they are maintained, as wud-be sellers soon learn to accept them without doubt or haggling.

THE MINNESOTA SUPREME Court, in a decision giving the shipper judgment for grain lost in transit, published elsewhere in this number of the Journal, completely indorses the position of the shipper advocated consistently at all times in the Journal, that when a shipper has by his contract with the carrier or by proof, established the amount loaded into the car, the terminal or destination weight is immaterial. The carrier must pay for the full amount loaded, regardless of destination weight. This is of special interest, as claim agents of the carriers constantly are endeavoring to place on the shipper the burden of proving that the car leaked, and many a shipper has been misled by this bluff into neglecting a claim that could have been made perfectly good by simply showing that his scales were correct, frequently inspected and handled by an experienced weighman who made systematic records of loading and drafts.



HIGH PRICES prevailing for small grain will encourage farmers to permit threshers to pass more screening than usual in with the grain, but the federal wheat grading rules will necessitate each lot of that grain being docked for all foreign matter contained. Good flour can not be made from straw, or weed seeds and unless country buyers dock all receipts for foreign matter contained they may find their entire profit wiped out by the dockage at the terminal market.

### The Shrinkage Hearings.

Recently the Interstate Commerce Commission held hearings at Mississippi Valley points, for the purpose of obtaining evidence bearing on the natural shrinkage of grain shipments, facilities for weighing grain and railroad methods of handling claims for loss of grain in transit.

Altho the subject is one rife with importance to every grain shipper of the country, but two grain shippers were present at the Chicago hearing, while the railroads were there in force and had an army of attorneys and scale experts, with voluminous evidence to prove conclusively that few, if any grain shippers were equipped with proper facilities for weighing grain, and those who did have facilities did not keep their scales in working condition. The railroads insisted upon having so much of the examiner's time that the shippers would not have had much of an opportunity to present any evidence, unless they had raised a great protest against being crowded out of court by their defamers.

Much of the evidence was so extravagant and unfair to the grain shippers that even the examiner must have discerned the deep bias of the railway representatives. Tho the Interstate Commerce Commission finally concludes that it has no authority to pass upon the right of railroads to take shipper's property without compensation, it would seem to be in the interests of the grain shippers of the country to give an accurate presentation of their side of the case to the commission.

After listening several days to the evidence of railway officials and attorneys, the examiner adjourned the hearing to Sept. 18th at Chicago. It would seem to be in the interests of the grain shippers that they immediately get into communication with Examiner Wilson of the Interstate Commerce Commission and see to it that they are given time to present their side of the case when the hearings are continued. Some of the statements made against the weighing facilities of country grain dealers are so extravagant as to be ludicrous, and while they might have applied to the weighing facilities of country elevators 25 years ago, they do not apply today. It is up to the shippers to get together and present their side of the matter, to offset the misrepresentation presented at the recent hearing.

### Loss Thru Dockage Is Avoidable.

Country grain dealers who have not been accustomed to docking purchases for dirt contained are complaining that the operation of this portion of the federal rules for grading wheat is unjust to the shipper of grain. A correspondent whose communication is published in "Letters" this number voices the sentiment of many dealers, but the remedy is at hand, and must be applied by the dealer himself.

The federal rules require that wheat which moves in interstate commerce by grade must be graded upon the basis of the grain remaining after the dockage has been removed; and that the percentage of dockage shall be stated upon the inspection certificate. This being the case, wheat which contains more than  $\frac{1}{2}$  of one per centum of foreign matter will receive its grade designation only after the foreign matter has been removed from the sample. Shippers will readily understand that buyers who receive wheat grading No. 2 hard winter, with dockage of 8%, are going to pay for only the number of pounds which remains after 8% of the total weight has been deducted. This is exactly what is contemplated by the rules. The dirt is of little value and no one should willingly pay wheat prices for it.

The dealer who has shipped a car containing 60,000 lbs., of which 8% is foreign matter, will receive payment for only 55,200 lbs. If he has paid the farmers for 60,000 lbs., and has paid freight on the gross weight, he is alone to blame. If the price to the farmer was \$2.25, and the freight rate 14c, the dealer's direct loss on the transaction would be \$186.72. This unexpected loss should be sufficient to cause shippers to sit up and take notice of the new grading rules.

It will be easy for country buyers to prevent loss by changing their methods and buying all wheat strictly by grade.

Deduct the dockage from the weight for which payment is made and return the refuse to the farmer.

Clean the wheat thoroly before shipment is made, thereby eliminating dockage at the terminal market.

Thus, it is simply a matter of buying the grain according to the same rules which will govern its sale. By handling grain in such a manner as to avoid deduction for dockage shippers will also prevent railroads charging freight on worthless matter. The wheat screenings can be sold to manufacturers of feed-stuffs. The miller must remove the foreign matter from wheat before he can proceed with his milling process, and after he has the dockage on his hands he would be blind to his own interests if he failed to make an effort to secure something for it. The grain dealer is in the same position; he can make provision for taking care of dockage by stor-

ing it until a quantity is on hand and then sell it.

The farmer remains as the one who has suffered because the foreign matter was present in the wheat when he brot it to market, and yet his loss is not of great moment since he has received full value for all of the real wheat delivered by him. True, he probably paid the thresher for putting the foreign matter into the wagon and he has been to some expense in hauling the stuff to town, but that is the farmer's own fault. Nothing will bring home to the farmer so forcibly the need for more care in ridding his fields of noxious weeds, and the necessity for demanding of the thresher that the grain be properly cleaned than the strict dockage for all foreign matter. The reform will eliminate waste of good soil and save much labor now expended in getting the trash to the miller who throws it away.

### Reason for Car Shortage.

It is not fair to permit the entire responsibility for the present car situation to be placed on the shippers and consignees, nor to have the idea go out that the only solution lies in heavier loading of cars and a prompter unloading at destination. The root of the evil lies deeper than that.

Railroad officials have stated that under present conditions a fair average time from Chicago to New England would be 10 days; under normal conditions two or three days less, yet on 48 cars from Chicago to one New England point the average time was 30.8 days and the longest time 75 days. Forty-three cars from Argo, Ill., to the same destination averaged 46 days, shortest time being 7 days and the longest 119 days. From Kansas City 14 cars averaged 72 days, the shortest time being 35 days and the longest 126 days. In the case of thousands of cars moving between the West and New England, the movement of which has been carefully studied, figures show an actual waste of as much as 93% of the annual use of the car in some instances because of the tardy manner in which they were handled by the railroads.

Figures compiled by competent observers clearly indicate that if the railroads would perform the transportation service in anything like reasonable time the present car shortage would be turned into a surplus and embargoes could be permanently lifted.

The progressive reduction of the car shortage from 148,000 May 1, to 106,649 June 1 and 77,144 July 1, altho more freight is being moved, only confirms the observation of all grain shippers that the movement of cars has been too slow. The release of cars at the eastern seaboard and particularly the return of empties west formerly was too slow. The pres-



ent improvement in conditions proves that the remedy all along has been in the carriers' own hands.

The carriers have long persisted in placing all the blame on the shippers and receivers and insisted upon charging them for any delay of rolling stock. Now that it is proven that the carriers are the real offenders in the matter of delay, all arguments against reciprocal demurrage charges lose their force. Shippers owe it to themselves to insist that all demurrage charges be made reciprocal or be abolished.

## Building An Elevator.

Plans for the construction of an elevator must include more than mere drawings showing the shape and size of the building. If it is to prove satisfactory after completion. The building alone presents problems which require practical experience as a necessary element to their solution, but after this part of the work has been finished so many points of great importance arise that the silo builder finds himself wholly at sea; and in no case will he do the right thing as a matter of knowledge. He may, in his blind groping, stumble upon the proper method, but it will be an accident; and accidents should not be depended upon to provide an efficient plant. No elevator is worth the price it costs unless it is a complete plant, that is, complete in the sense that every portion is in real and entire co-ordination with every other portion. Such a plant can only be secured when the relation of its parts is worked out beforehand, and only men of experience who thoroughly understand the needs of the grain dealer can design or build an economical elevator.

It is not a question of honesty of purpose or business integrity, tho these qualifications must be given full consideration. The silo builder may be moved by an honest desire to erect a satisfactory plant, and he may believe himself to be capable of carrying out his desire, and yet he will fail because he is not familiar with the principles of construction which must be applied to the bulk grain handling plant.

It is purely a matter of specialization; the plant is to be devoted to a special purpose and if it is to be satisfactory to its owner it must have received specialized treatment in its design and in its construction. Hundreds of elevators in this country are not handling grain with a minimum of waste and at the lowest cost per bushel solely because the designers and builders had no conception of what was needed and no experience in providing it. A man is not competent to plan and build an elevator simply because he has spent years in building barns and silos. Each man who expects to build a new elevator must decide this matter for himself and if he allows any

argument to influence him against employing a *competent* engineer and contractor it can be said with all certainty that his plant will not be worth the money he pays for it. Many dealers who pay a low price for an elevator at the start pay double for power and labor so long as they run it. The experienced elevator builder often economizes enough in material and labor in building to make a handsome profit.

## Food Control.

The misleading statement that farmers sold their 1916 wheat for \$1.51 and consumers bot flour on the basis of \$3.25 per bushel for wheat, seems to have recoiled on the head of its author, as the Senate has refused to swallow Hoover's recommendations whole, and in the latest draft of the bill he is but one of a commission of three.

The Department of Agriculture's own report issued early this month showed the average price paid to farmers for wheat on July 1 to have been \$2.20 per bushel; while the Chicago Board of Trade price of July delivery on the same date was but \$2.02, and cash wheat at \$2.16 to \$2.30. The truth is that high prices on the Board of Trade are but the expression of high prices on the farm; as, under the free play of competition, the Board of Trade floor is in most intimate connection by mail, 'phone and telegraph, with the harvest field and the farmer's granary.

Repeated reference by Hoover and Vrooman to food pirates and speculators leads one to believe that as far as the grain trade is concerned the government is pursuing a chimera; one that has no more to do with the successful prosecution of the war than has the prohibition of sunshine.

Assumption of complete control of the wheat trade by the government must not rest on the false theory that the government can divide among the farmers and consumers billions of dollars of profits taken by speculators. Averaging the profits and losses of all speculators, the net profits would add less than one cent per bushel to the cost of grain. There is no billion of profits to be divided. The sum total of all the profits of all the grain dealers in the country is not one-tenth as much as the admitted profits of a single leading steel corporation. The many thousands of independent dealers engaged in the sale of grain in the rural districts and on the grain exchanges make it impossible to mark up prices of grain after the manner of the steel combination. In grain competition is too free.

If the grain trade were opposing President Wilson's food control there might be some excuse for this groundless mudslinging campaign. Altho many members of the trade feel that the Government is taking on rather a big job handling the entire wheat crop of the country

the dealers are practically unanimous in supporting food control if the President deems it essential to win the war.

Instead of denouncing an imaginary speculator, the over-zealous assistants of the President at Washington should address themselves to the real problem at hand, which is: How to get the wheat from the American farmer at a reasonable price and deliver it to our allies in Europe.

The food controller will soon learn, if he has not learned it already, that the farmer is the real speculator. The farmer now has over 100,000,000 bus. of wheat on the farm and is holding for \$3, \$4 and \$5 per bushel; while the Chicago wheat speculator on July 14 had only 96,000 bus. of wheat in the public elevators, compared with 5,898,000 bus. on July 15, 1916. Wheat receipts at the 11 leading primary markets reflect the holding policy of the farmer, having dwindled to 1,605,000 bus. for the week ending July 14, against 5,412,000 bus. for the corresponding week of 1916.

Unquestionably the voluntary cessation of wheat buying for future delivery on the grain exchanges has deprived the allies of a valuable facility for the accumulation of great quantities of wheat for future delivery, and without unrestricted trading all buyers are likely to pay even more than the high prices the agitators have been denouncing.

AMERICAN MALTING Co's. fiscal year ending Aug. 31 will show the largest net earnings in its history. Net for the year is estimated at \$1,100,000, equivalent to \$14 a share on the first preferred stock, and compares with \$408,459, or \$4.70 a share, for 1916.

DO NOT permit loaded cars to stand overnight without sealing and getting B/L for the grain. With a B/L properly signed by the station agent, shipper can hold railroad for the property. A number of cars loaded with grain have been burned recently *before* shippers obtained B/L so they could collect nothing from the railroad for their losses.

THE ORDER on regulation of car supply issued by the Kansas Public Utilities Com'n will have the effect of bringing about an equitable distribution of available equipment according to the amount of grain actually being delivered to each competitive elevator. The order requires that all elevators demanding cars be kept open if possible, but in any case the local agent will not be permitted to spot cars at an elevator which is still taking grain when another in the same town is closed because of lack of room to receive more grain. To do so would be a violation of the regulation, even tho the elevator which is still running has priority with respect to orders filled. That is fair.



## Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

### Who Buys Corn Cob Ashes?

*Grain Dealers Journal:* I have heard that some one is buying cob ashes, and would appreciate information as to the name and address of the firm.—Will brother dealers please give name of buyers in Asked-Answered column.—A. F. Davis, Arthur, Ill.

### Confirming Telephone Contracts.

*Grain Dealers Journal:* Having become interested in the matter which has recently appeared in your columns on the subject of confirming contracts made by telephone with farmers, I am sending a form for this purpose which I think will cover the ground as well as anything can be made to do.

This form of agreement is to be used in connection with a check, the whole forming a combination similar to the familiar voucher check. The agreement itself is to be printed on one side of a sheet of paper about 6½x8½ inches in size, and it should be made up so as practically to fill the page. One-half of the reverse side will be printed the same as an ordinary check, with the addition of the following line: "For the purpose as stated in voucher hereto attached." The remaining portion of the reverse side will be left blank for endorsements. The vouchers should be check bound, in triplicate sets, carbon paper to be used in connection therewith, and with the original and duplicate perforated so that they may be removed.

After the agreement has been filled in on the voucher side the original is torn from the book and folded to bring the check portion to the front. The check is then written and signed and original and duplicate are handed or

mailed to the farmer. After he has cashed the check he may still retain the duplicate as a memorandum of the transaction, while the dealer's record is furnished by the triplicate copy.

The sum named in the check may be purely nominal, as any amount is sufficient to make the agreement binding. No honest farmer will hesitate to endorse it and thus acquiesce in the stated terms of the deal, while 90% of dishonest farmers will sign the check to get the money and by so doing they become obligated to deliver the grain according to their promise.—L. T. Howell.

### Effect of Government Taking Over Wheat?

*Grain Dealers Journal:* How should the country elevator operator handle grain bot from the farmer so as not to suffer loss if the government takes over the wheat crop?—T. E. Farrington.

**Ans.:** The outcome of pending legislation is becoming more uncertain every day, so that it is practically impossible for the country shipper to plan to take advantage of any rumored action of the government.

The conservative plan favored by many dealers is to have as little grain on hand as possible, to make no sales for long deferred shipment and to do as nearly as possible a cash business at both the buying and selling ends.

The government control probably will be applied only to wheat, at least at first; so that the large volume of business in oats and corn can be conducted as formerly. After the wheat control has been established the government will probably allow the country dealer a liberal margin of profit on grain taken into his elevator.

I SIMPLY cannot be without the Grain Dealers Journal.—C. N. Sletle, agt. Speltz Grain & Coal Co., Conger, Minn.

VESSEL clearances from the port of New York for the month of June were 458, of 1,225,536 tonnage, breaking all records.

### Stamp Taxes Waived.

Grain traders will be pleased to learn that the United States Circuit Court of Appeals on July 25 made an order under which the federal government waives its claim for back stamp taxes on transfers and offers against all members of the Chicago Board of Trade who have not already settled.

By a similar order the government waives its claim to collect the penalties under the revenue act of Oct. 22, 1914.

### Judgment Against Carrier for Loss in Transit.

A victory for the shipper under the Minnesota statute requiring the railroad company to receipt for and deliver the full number of pounds received was the outcome of the suit by the National Elevator Co., of Minneapolis, Minn., against the Great Northern Railroad Co. to recover the value of 510 pounds of wheat lost out of a car on the way from Evansville, Minn., to Superior, Wis. The Municipal Court of Minneapolis had ruled in favor of the carrier, but the Supreme Court of Minnesota on June 15, 1917, reversed this.

On the trial plaintiff offered in evidence the B/L, and, under a stipulation, the weighmaster's certificate of the state of Wisconsin, which showed the unloading weight of the wheat. It then proved the value of the grain claimed to have been lost, the filing of its claim with the defendant carrier, and that it had not been paid, and rested.

Defendant offered proof that its seals were attached to the car at Evansville, and remained intact until the time of unloading; that the car was inspected while standing on the track by a state inspector, and was, at that time, in good condition and not leaking, and as to the manner of weighing the grain at Evansville. The terminal weight was not questioned, nor was it claimed that there was any fraud on the part of plaintiff as to the amount of grain loaded, but defendant did contend and attempt to show an error or mistake in the amount of grain loaded.

The law provides:

4325. It shall be unlawful for any carrier, or for any officer, agent or servant of a carrier, to issue an order B/L or a straight B/L, as defined by this act, until the whole of the property as described therein shall have been actually received and is at the time under the actual control of such carrier, to be transported. \* \* \*

4491. Every common carrier transporting grain shall give the shipper, on request, a receipt for the number of pounds of grain received from him, and shall deliver such quantity to the consignee or proper connecting carrier. \* \* \*

The court said: When a shipper, in an action to recover the value of grain lost in transit, introduces in evidence a B/L calling for the delivery of a certain specified amount of grain at the point of destination, and then proves that a less amount was delivered, the presumption arises that the loss was caused thru the negligence of the carrier, and it then becomes necessary for the carrier to prove the contrary; that is, to meet the presumption of negligence by showing a fact or state of circumstances which otherwise accounts for the shortage, and this it must do by a preponderance of evidence. *Fockens v. Express Co.*, 99 Minn. 404, 109 N. W. 834; *Brennisen v. Railway Co.*, 100 Minn., 102, 110 N. W. 362, 10 Ann. Cas. 169; section 4372, G. S. 1913; *Railway Co. v. Hall*, 32 Ark. 669; *Hastings v. Pepper*, 11 Pick. (Mass.) 41. To hold that a shipper, in an action of this character must prove in the first instance the amount of grain delivered to the carrier, the action being based upon the contract, would indeed be a new rule of evidence, yet this is what the refusal to give the instructions requested amounts to.

Order reversed.—163 N. W. Rep. 164.

WE ENJOY reading the Journal and get many good pointers from it.—The Farmers Elvtr. Co., Geo. C. Brown, mgr., Minneapolis, Kan.

### VOUCHER.

No.....

Blanktown, Ill.,.....191...

The amount of..... Dollars  
for which this Voucher and Check is issued is to apply as part payment  
for.....bushels of.....to grade  
No....., which has this day been purchased by the Blank Grain  
Company, of Blanktown, Illinois, from.....by phone,  
telegram, letter, personal conversation at....c per bushel, to be delivered  
to the buyer's elevator in.....on or before.....191...  
Grain grading lower than No.....to be applied as follows: .....

No change in the terms of this purchase and sale to be valid unless it is confirmed by both buyer and seller in writing.



## Letters

[Here is the grain dealers' forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

### Dockage Means Big Loss to Dealer.

*Grain Dealers Journal:* We have come to the conclusion that the liberal dockage on wheat is going to be a great injustice to the grain dealer. For instance, Kansas City is already taking a dockage of 8% and 10%, which means 3,000 to 5,000 lbs. per car. Not only have we paid for this weight in our purchases from the farmers, but we also pay freight and a few other expenses. The miller will not give us one cent for the dockage, yet he probably sells it for a good price.

This looks like a real steal, brother dealers, and it is a thing that needs adjusting.—M. J. Wagey, mgr., Farmers Grain & L. S. Ass'n., Cambridge, Neb.

### Run Down Elevators Contribute to Waste.

*Grain Dealers Journal:* Country grain buyers are being accused of contributing to waste, and they have even been classed as "slackers" because of conditions which have been observed at some plants, but those who are raising this cry are not striking at the root of the evil. It is not always the fault of the country buyer or line house agent that he fails to keep things in the best of condition and to conduct the business efficiently, because in many cases the elevator which he operates was a worn out, run down affair before he took charge of it and it continues in that condition because the owners will not permit him to make the repairs which he knows to be needed.

The local buyer is not to be blamed for many of the fire hazards which exist. He is ready to do his part to make the plant safe if he is given permission to incur the necessary expenses; and the railroads and fire marshals should demand of the owners that they give the agent authority to make the changes.

The man who is in charge of the station is too often doing all of the work he can possibly attend to, and his task is made more difficult by reason of the poor facilities with which he is provided. I recall one instance wherein I spent a half day helping the agent of a competing company to prop up a side of his elevator to keep 1,500 bushels of barley from going out on the track. It had bulged 14 inches while he was at dinner, and altho this occurred several years ago, the shack is still standing and agents have been changed whenever repairs were requested. Slack methods are to be condemned wherever they are found, but I desire to see the blame placed where it belongs.—D. M. McKenzie, Tonica, Ill.

TWO MILLION acres additional are to be planted with wheat in the United Kingdom this fall according to the 1918 crop program. This is expected to produce 19,500,000 quarters of grain and to make an approximate grand total of 55 million quarters.

### Repudiation of Contract.

On a 'phone contract for 8,000 bus. of wheat Wallingford Bros., of Wichita, Kan., sent confirmation to J. D. McCray, Attica, Kan., specifying "this week shipment," but the latter immediately called on the 'phone and declared the contract was for shipment first half of July. The firm at once (June 30th) wrote him another letter, in which they insisted that in the first conversation they had refused to pay more than the regular export bid for the first half of July, and that the offer they had made was for "this week shipment." In an answer written on the next day (July 1st) the manager said that in the conversation about the wheat deal he had refused to make it "this week shipment," but had said he would ship it as fast as he could after June shipments were over. The wheat was never shipped. On Sept. 24, 1914, the firm sued McCray for damages resulting from his failure to ship it, alleging the making and breach of a contract for shipment "as fast as possible after June shipments were over."

The court gave judgment in favor of McCray and this was affirmed by the Supreme Court of Kansas June 9, 1917.

The jury and the court held to the oral understanding over the 'phone and that refusal of buyer to accept seller's contention for first half of July shipment was a repudiation of the contract warranting the seller in cancelling.

This ruling will apply only in states, like Kansas, that recognize the validity of oral contracts, and will entertain suits based on oral contracts for amounts in excess of \$50.—165 Pac. Rep. 813.

### Miami Valley Dealers Meet.

The Miami Valley Grain Dealers Ass'n held its 19th annual summer social and business meeting at Hotel Phillips, Dayton, O., on Thursday, July 12. The attendance was the largest in the organization's history. Dinner was served at noon. Shortly after 1 o'clock Pres. Russell called the meeting to order.

The afternoon was spent in considering a few of the many problems. The application of the government grades to wagon load deliveries by farmers of wheat and corn consumed the greater portion of the time. It was unanimously agreed that much more attention should and would in the future be given to grading all grain, especially oats. Many are now cleaning or docking those not properly cleaned by the thresher.

Among the dealers present were: C. N. Adlard, Piqua; W. L. Alton, Sidney; E. L. Alton, St. Paris; O. W. Baker, Conover; C. LaVerne Berryhill, Fletcher; A. L. Briggs, Jackson Center; B. T. Bulle, Sidney; Milton Crowe, Buffalo, N. Y.; J. C. Duncan, St. Paris; C. H. Fogt, Piqua; Chas. Garmhousen, New Bremen; C. H. Ginn, Houston; L. A. Crieshop, Chickasha; E. A. Grubbs, Greenville; Jesse Lewis, St. Paris; Chas. Mercer, New Carlisle; J. G. Meyers, Pleasant Hill; C. S. Petry, Troy; Ross Rees, Houston; O. E. Richardson, Celina; F. J. Rienhart, Unionopolis; Fred Russell, Sidney; Chas. Shafer, Conover; L. G. Shanley, Pemberton; Frank M. Sayre, Sidney; J. W. Simmons, Sidney; H. I. Staley, Dawson; J. E. Stayman, St. Paris; Geo. E. Stephenson and son, Rosewood; J. S. Swearingen, Casstown; K. Threlkeld and son, Jackson Center; L. E. Vesper, Maplewood; J. E. Wells, Sidney; J. W. Wiley, Kirkwood; and J. Wolcott, Conover.

Ladies in attendance were: Mesdames B. T. Bulle, E. L. Alton, A. L. Briggs, E. T. Custenborder, C. H. Ginn, Jesse Lewis, Fred Russell, H. I. Staley, Frank M. Sayre, L. G. Shanley, Geo. E. Stephenson and daughter, J. S. Swearingen, J. W. Simmons, K. Threlkeld, L. E. Vesper, and J. E. Wells.

## Leaking in Transit

Grain dealers can help brother sufferers in the collection of claims for loss by reporting to Grain Dealers Journal, for free publication, car initials, number, place, date and condition of car seen leaking grain in transit.

Recently we have received reports of the following leaking or bad order cars:

T. & P. 15636, containing No. 2 yellow corn, was set out at Ferguson, Ia., July 9, and transferred to C., B. & Q. 111198. Door post was broken off and side pushed out about 2 ft. Was also leaking badly over the drawbar. Between 400 and 500 bus. were lost before the grain was transferred. Seal on north side was Mil. No. Z7479.—C. E. Adkins, mgr., Farmers Elvtr. Co.

M. C. 27608 eastbound on M. C. passed thru Spencer, Ill., July 13 leaking corn. Louis Hoffman repaired as well as possible. Corn along track showed leak had been heavy.—New Lenox Grain Co., New Lenox, Ill.

C. & N. W. 83920 passed thru Parkersburg, Ia., July 2, eastbound on I. C. R. R. leaking yellow corn over front trucks. No chance to repair.—Anderson & Lynch, per W. L. Anderson.

### Program Michigan Meeting.

For the 16th annual meeting of the Michigan Hay and Grain Ass'n to be held at Saginaw July 31, with headquarters at the New Bancroft Hotel, the following program has been arranged:

#### FORENOON.

Visiting in the hotel lobby.

#### AFTERNOON.

Convention will convene at 2 o'clock in the banquet room of the hotel.

Meeting called to order by Pres. T. J. Hubbard, Mt. Pleasant.

Address of Welcome, George H. Hanum, pres. Saginaw Board of Trade.

Response, J. B. Crawford, 2nd vice-pres., Ithaca, N. Y.

Board of Directors' Report, T. J. Hubbard, pres.

Secretary's report, J. C. Graham, Jackson.

Treasurer's Report, Albert Todd, Owosso.

Appointment of Com'tes.

"The Food Law," H. L. Goemann, Mansfield, O.

"What the Farmer Sells," Jas. N. McBride, director of markets, Lansing.

"Michigan Hay—What We Can Do to Improve Its Quality," W. A. Bunting, Jackson.

"Federal Grades on Grain and Their Benefit," A. J. Carpenter, Battle Creek.

"The Middleman," C. E. Noyes, Jackson.

"A Few Transportation Problems," J. C. Graham, Sec'y.

Adjournment.

#### EVENING.

A banquet with cabaret entertainment will be given at 7 p. m. in the banquet room off balcony on second floor.

E. L. Wellman, Grand Rapids, toastmaster.

Music by Miller Bros. quartette.

Address, "Now in the Grain Trade," E. C. Eikenberry, pres. Grain Dealers National Ass'n.

Song, "America," by all.

## Our Callers

V. E. Butler.

H. M. Taggart, Wenona, Ill.

Jay Hausam, Hutchinson, Kan.

C. A. McCotter, Indianapolis, Ind.

John Dower, supervisor of weights, St. Louis, Mo.



## Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

### CANADA.

Edmonton, Alta., July 12.—The estimated acreage under crop in Alberta is as follows: Spring wheat, 1,420,000, a decrease of 8.3% over 1916; winter wheat, 10,000, a 46.7% decrease; oats, 1,500,000, a 7.5% increase; barley, 250,000, 16% decrease; flax, 50,000, a 15.3% increase; rye, 12,000, a decrease of .8%; speltz, 3,000, a 28% increase. Condition in the Northern and Southern Districts reported favorable, while in the Central District the crops are backward and require warmer weather.—Dept. of Agriculture.

### COLORADO.

Denver, Colo., July 14.—Wheat is damaged to some extent in Eastern Colo. Beans looking fine. Other crops look good.—C. L. Bloom, asst. mgr., Denver Elvtr.

Merino, Colo., July 12.—Winter wheat harvest will start about July 20. Little damage by drouth. Spring wheat and oats short. Corn looks good, but late.—S. B. Ashcraft Grain Co.

### IDAHO.

Jerome, Ida., July 9.—After an extremely late spring we have had wonderful growing weather; in irrigated sections crops are doing fine; lack of moisture in dry farming sections has cut crops very much.—Wm. Wagner, mgr. Jerome Mlg. & Elvtr. Co.

### ILLINOIS.

O'Fallon, Ill., July 12.—Wheat harvest about finished. Yield about 25 bus. per acre.—Tiedemann Mlg. Co.

Filson, Ill., July 10.—Corn and oats look good, but are about 10 days late. Wheat harvest has begun. Average yield of 25 bus. per acre expected.—C. C. Gray, agt., Chambers & Foote.

Egan, Ill., July 9.—Corn is 10 days late but growing fast. Oats look fine and promise a bumper crop. Acreage of both corn and oats larger than usual. Barley is looking exceptionally fine.—M. C. Simpson, agt. H. A. Hillmer Co.

Decatur, Ill., July 18.—Average summary of 424 replies to crop inquiries show the following conditions for the state: wheat, 40.8% harvested, yield 18.6 bu., compared with last year acreage is 72.7% and yield 85.3%; oats, condition 110.1%, 21.2% harvested, weight 31.6 lbs.; corn, condition 95.6%.—F. P. Mulleady, acting sec'y. Illinois Grain Dealers Ass'n.

New Canton, Ill., July 7.—Wheat will run from 15 to 40 bus. Large per cent of fields are mixed with rye. Threshing will be in full blast by July 16. Finest prospect for corn in this vicinity I ever knew. Laborers scarce at present. This is not an oat country, but we have the largest acreage this year yet planted, and fully 30% increase over last year.—Fred Rose.

Shannon, Ill., July 19.—Small grains excellent; corn about 15 days late. On the 13th I made a trip to Cedar Rapids, Ia., corn along the route very uneven and backward, with fields clean and farmers still plowing; small grains never looked better; barley and oats about ready to cut. If present ideal weather continues corn will soon look equal to normal.—Alfred Cram.

Springfield, Ill., July 18.—Showers fell in most sections during the week, but rain still needed in some places. Corn well cultivated and much laid by; condition good. Farmers cutting wheat in central division and oats in central and south. Threshing wheat in southern counties. Crops damaged by wind and hail in Rock Island and Vermilion counties.—J. C. Root, U. S. Department of Agriculture.

### INDIANA.

Swanington, Ind., July 11.—Oats promises a bumper crop. Corn in good condition, but needs warm weather.—Doan & Day, by J. F. Doan.

Evansville, Ind.—At a meeting of the county agents of southwestern Indiana it was decided to urge planting of a larger acreage to wheat this fall.—C.

Cammack Sta. (Muncie p. o.), Ind., July 12.—Wheat acreage small, quality good. Now harvesting. Oats looking good. Corn growing rapidly and prospect for bumper crop.—John Howell.

Boston, Ind., July 20.—Wheat in excellent condition and threshing will start soon. Acreage above normal, but will be increased this fall, less land being reserved for oats and corn.—Kitchel Elvtr. Co., by E. L. Compton.

Rosedale, Ind., July 11.—Wheat harvest nearly over; prospect is for fair yield of probably 15 bus.; quality good; acreage smaller than last year; oats prospect never better; acreage large; corn acreage large; growing nicely but about 3 weeks late.—Phillips & Ross Grain Co.

### IOWA.

Stanwood, Ia., July 18.—Oats and barley good, with harvest commencing. Corn 2 weeks late.—J. P. Christianson, mgr., King-Wilder Grain Co.

Rodney, Ia., July 14.—Corn in fair condition, tho about 1 week late on uplands and just coming up on bottoms. Winter wheat all destroyed by high water, and much of the land left idle.—A. B. Doolittle, agt., Neola Elvtr. Co.

Jefferson, Ia., July 19.—Crop conditions above normal. Oats being harvested, yield and quality very fine. Corn somewhat backward, but has made great strides in past two weeks. Without early frost will have greater crop than in 1912.—Jefferson-Ratekin Seed Co.

Wightman, Ia., July 24.—No wheat grown in this part of Iowa; corn and oats acreage are 10% above normal as hay and pasture was winter killed and plowed up; oats cutting in progress; corn looks fine; about 10 days behind ordinary years.—W. O. Ferguson, agt. Hynes Elvtr. Co.

Elk Horn, Ia., July 14.—Barley yielding well and the quality is very good; oats will exceed last year's yield and if the weather stays fine the quality will be good. Corn in good condition and with favorable weather the yield will exceed that of last year.—O. N. Oisen, agt., E. Rothschild & Co.

Des Moines, Ia., July 17.—Sufficient warmth and sunshine to maintain rapid growth of corn. Weather favorable for small grain, which is almost free from rust. Straw rather short, but heads filling well. Harvest well advanced in southern counties and will begin in central districts the coming week. Good yields promised. Estimated acreage for this year: Corn, 10,242,000; oats, 5,238,500; winter wheat, 133,900; spring wheat, 173,500; barley, 258,800; rye, 35,275; and flax, 7,400, compared with corn, 9,479,000; oats, 5,199,269; winter wheat, 296,220; spring wheat, 172,241; barley, 88,961; rye, 86,886; and flax, 7,658, for 1916.—Geo. M. Chappel, U. S. Department of Agriculture.

### KANSAS.

South Haven, Kan., July 18.—Wheat turning out about 5 bus. to acre better than estimates. Quality, fine.—Chas. E. Miller.

Sabetha, Kan.—A field of oats near this place averaged 135 bus. per acre. Same farmer had another field which yielded 90 bus.—Allan T. West, St. Joseph, Mo.

Alden, Kan., July 14.—Wheat yielding 18 to 30 bus. to acre. Good quality. Corn in good condition, but without rain it will soon begin to suffer.—H. E. Hutton, mgr., Farmers Grain, Fuel & L. S. Co.

Assaria, Kan., July 12.—Wheat from bottom land making 16 to 25 bus. to acre, testing 59 to 61 lbs. Upland wheat not so good. Dry weather has damaged oats, but corn standing it well so far.—Jno. E. Hughes, mgr., Farmers Elvtr. Co.

Ackerland, Kan., July 19.—Eighty per cent of wheat harvested. Oats acreage was 120% of last year; yield good. Corn acreage 15% over year ago.—S. H. Hill, agt., Casbier Elvtr. Co.

Hays, Kan., July 23.—Wheat in Ellis County an absolute failure; everything plowed up and planted to corn, which is also drying up at this time; corn prospect very poor.—W. J. Madden.

Yates Center, Kan., July 19.—Wheat acreage 1/3 larger than last year; yield above average, being 25 bus. per acre. Oats and corn acreage large and both looking good, with corn 2 weeks late.—Harder & Weide.

La Cygne, Kan., July 17.—First threshing returns for wheat 30 bus. per acre. This station shipped 7 cars last year and expects to ship 50 this year. Oats generally good, but those from late planting very light.—W. J. Dyer Elvtr.

Zenda, Kan., July 20.—New wheat making about 7 bus. per acre; light and shriveled. Very hot and dry; little being done for another crop. Corn gone. Fall crops looking very bad.—A. A. Johnson, agt., Bolin-Hall Grain Co.

Burlington, Kan., July 9.—Wheat is of good quality and of good yield. One field near Strawn yielded 41 bus. The general average will be about 20 bus. to the acre, but the acreage is small and the yield in bushels will not be large. I think the estimate of Sec'y Mohler of Kansas is high enuf.—E. A. Sullivan.

### KENTUCKY.

Lexington, Ky., July 18.—Wheat acreage normal or slightly above; threshing returns about 20 bus. per acre. Barley acreage 30% over last year; yield about 30 bus. Corn acreage 10% over last year; condition 70%; 2 weeks late. Oats prospect excellent.—Blue Grass Commission Co.

### MICHIGAN.

South Lyons, Mich., July 17.—Grain crops all looking fine. Corn acreage large, and the plant backward.—C. L. Bailey.

Escanaba, Mich., July 21.—Weather favorable for growing grain last 2 weeks. Expect good crop.—Hewett Grain & Provision Co.

### MINNESOTA.

Utica, Minn., July 11.—Crops looking good, but we are having too much rain.—J. J. Campbell, mgr., Utica Grain Co.

Minneapolis, Minn., July 18.—Reports more optimistic on North Dakota crops. Favorable weather, with moderate temperatures, good breezes and local showers. Wheat nearly all headed in eastern part of the state; heads of good size and filling well. Many fields promise 20 bus. per acre. West of Devils Lake crops become poorer. In northwestern quarter of state 5 bus. per acre is predicted. The state should average 9 bus. wheat per acre. Barley and rye improved; oats the poorest of the small grains; early flax good, late flax uneven and backward. In Minnesota conditions are excellent. Harvest reports indicate good quality barley and rye. Wheat filling well, and average of 15 bus. per acre expected. Corn condition generally satisfactory. In South Dakota conditions good east of Huron. The James River Valley needs moisture, and crops will be light in 5 central counties east of Missouri river, west of which rain is badly needed. Other sections of state generally good. Rye and barley harvest in full swing next week.—Van Dusen Harrington Co.

### MONTANA.

Agawan, Mont., July 12.—Dry and hot; if no rain falls in 10 days crops in this section will be failure.—Geo. L. Harrington, mgr., Montana Elvtr. Co.

Billings, Mont., July 19.—After traveling over this state I estimate wheat crop at 50% of last year; where summer fallowed winter wheat will yield 30 bus. and upward; spring wheat on dry land about gone and will not average above 10 bus. Irrigated crops best I ever saw, wheat promising 35 to 45 bus. and oats 100 bus. or better.—W. P. Ladd, pres. Treasure State Grain & Seed Co.



Vananda, Mont., July 11.—Prospects now look like we will handle less grain this year than last, when we handled 10 cars of wheat and 2 of flax.—C. M. Ask, Vananda Elvtr. Co.

Barber, Mont., July 17.—Winter wheat headed and only from 4 to 6 inches high. Spring wheat not headed; straw short. Moisture was excessive in early spring, but no rain for 6 weeks. Present indications are for ½ crop.—W. A. Clark.

## NEBRASKA.

Waverly, Neb., July 12.—Oats look good. No wheat. Corn very late and uneven.—W. L. Hand, mgr., Farmers Grain & Stock Co.

Chadron, Neb., July 19.—Ten per cent increase in wheat and 15% increase in corn and oats acreage over last year.—Robert Hood.

Tarnov, Neb., July 20.—Oats good. Corn looks fine but needs rain. Wheat crop very small.—A. F. Paproski, mgr., T. B. Hord Grain Co.

Cedar Creek, Neb., July 21.—Wheat all winter killed. Twenty-five per cent of land planted to oats; 50% to corn. Both of these look good.—Duff Grain Co.

Holdrege, Neb., July 11.—Wheat about ready to cut; about 20% of normal crop. Oats and barley looking good. Corn looks good but needs rain.—Johnson & Johnson, by A. A. Johnson.

Chester, Neb., July 19.—Wheat was failure and all abandoned, 35% of ground being planted to oats and balance to corn. Oats poor; will yield about 14 bus. to acre. E. P. Brown, agt., Central Granaries Co.

Carroll, Neb., July 6.—Oats looking fine, prospects for bumper crop. Corn fine but a week late. Thin stand some places on account of cool weather the first part of June.—H. Fitzsimmons, mgr. J. J. Mul-laney.

## NORTH DAKOTA.

Bordulac, N. D.—Crops looking good, but big crop not expected.—Nels Osterdahl, mgr., Farmers Elvtr. Co.

Antelope, N. D., July 13.—Some neighborhoods report crop conditions 25% of normal, others 50% and 75%. Wheat heading, but straw is short. Flax looks good.—Frank D. Lovelance, agt., Occident Elvtr. Co.

## OHIO.

St. James, O., July 23.—Crops look fine; threshing will start latter part of this week.—R. G. Quay.

Helena, O., July 11.—Wheat, corn and oats looking fine. Corn making good growth.—M. J. Wolfe.

Curtice, O., July 23.—Wheat not promising; estimate about 60% infested with scab and stinking smut; will not yield more than 8 or 10 bus. per acre; none cut as yet; oats 120% crop; corn coming along fine last 4 or 5 days; hot weather is wanted for it.—H. G. Dehring.

Millersburg, O., July 23.—New wheat crop is good; think the best in 10 years. All harvested in good condition.—Walter Elliott.

Lyndon, O., July 7.—Harvest commenced June 30, with prospect for a fine crop of good quality corn, oats and rye.—D. G. Coyners.

Gallion, O., July 18.—Wheat and oats in good condition, with favorable weather will have big crop of both. Corn looking good.—Switzer & White.

## OKLAHOMA.

Waukomis, Okla., July 16.—Corn practically a failure account dry weather.—G. M. Lovell.

Burlington, Okla., June 25.—Harvesting here will be over this week and threshing will begin about July 2. Wheat will make between 15 and 30 bus. Some oats but not enuf to supply the country.—Burlington Grain Co., L. Martin, mgr.

Talala, Okla., July 19.—Wheat acreage 50% of last year, but production double. Yield averaged 20% bus. per acre; good quality. Oats acreage exceeds all other crops combined, being 200% of normal. Yield 45 to 100 bus. of high quality. Corn practically failure.—W. H. Payne.

## SOUTH DAKOTA.

Wagner, S. D., July 16.—Crop prospects are the best in years.—I. G. Corey.

McIntosh, S. D., July 12.—All crops are looking good.—J. Anenson, agt., Columbia Elvtr. Co.

Stickney, S. D., July 12.—Crops are fair; need rain to fill properly.—Stickney Co-op. Union.

Lake Preston, S. D., July 19.—Outlook for bumper wheat crop. Acreage 75% of last year, condition 110%; no abandonment. Prospect better than since 1912.—Gunder Lund.

Waubay, S. D., July 20.—All crops heading; fields infested with wild oats, mustard and weeds. Hot and dry. Crop prospect not over 50%. Harvest will be late.—Jorgen Pedersen.

## TEXAS.

Holland, Tex., July 16.—All grain and forage crops total failure this year.—Holland Grain Co., by W. W. Barton.

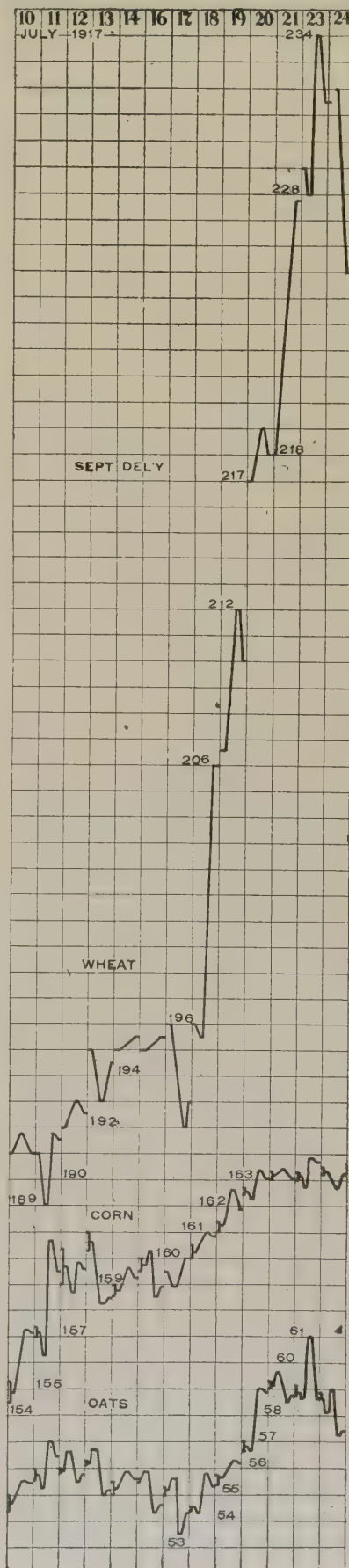
Greenville, Tex., July 19.—Wheat all threshed in good condition. Yield much better than last year. Will be large increase in acreage this fall.—Greenville Mill & Elvtr. Co.

Groom, Tex., July 20.—Harvest finished; large acreage wheat but average only about 9 bus. per acre. No corn. Small acreage oats; good quality; good rains.—J. S. Blasdel.

## WASHINGTON.

Ralston, Wash., July 21.—Fifty per cent of land in wheat; rest summer fallow. Crop will be 25% short account dry weather. Enough oats for feeding only. Very little corn. Harvest will start about Aug. 1.—Fred A. Thurmond, agt., Milwaukee Elvtr. Co.

## Chicago Futures



## Daily Closing Prices.

The daily closing prices of wheat and corn for September delivery at the following markets for the past two weeks have been as follows:

### SEPTEMBER WHEAT.

	July 10.	July 11.	July 12.	July 13.	July 14.	July 15.	July 16.	July 17.	July 18.	July 19.	July 20.	July 21.	July 22.	July 23.	July 24.
Chicago	1.91	1.91½	1.92½	1.94½	1.95½	1.95½	1.93	2.06	2.10	2.18	2.27½	2.31½	2.31½	2.25	
Minneapolis	1.90½	1.90	1.92	1.93½	1.96½	1.97	1.95	2.07	2.11	2.20	2.25	2.28	2.28	2.21	
Duluth	2.28	2.30	2.44	2.45	2.46	2.51	2.55	2.58	2.70	2.77	2.80	2.83	2.83	2.80	
Omaha	1.90	1.91½	1.90	1.93½	1.95½	1.93	1.95	2.00	2.09	2.15	2.24	2.32	2.32	2.25	
St. Louis	1.88½	1.89	1.90	1.90	1.90	1.90	1.90	1.98	2.06	2.10	2.21	2.30	2.30	2.25	
Kansas City	1.89	1.89	1.91	1.91	1.92½	1.92	1.94	2.04	2.13	2.20	2.27	2.36	2.36	2.35	
Milwaukee	1.91	1.91½	1.92½	1.94½	1.95½	1.95½	1.93	2.06	2.10	2.18	2.27½	2.31½	2.31½	2.25½	
Toledo	1.90	1.90	1.91	1.92	1.93	1.95	1.93	2.06	2.10	2.18	2.29	2.31	2.31	2.22	
*Baltimore	2.20	2.20	2.15	2.15	2.15	2.09	2.09	2.15	2.20	2.30	2.30	2.40	2.40	2.35	
†Winnipeg	1.97½	2.00	2.00	2.00	2.00	2.00	2.00	2.12	2.23	2.25½	2.28½	2.33½	2.33½	2.29½	

### SEPTEMBER CORN.

	July 10.	July 11.	July 12.	July 13.	July 14.	July 15.	July 16.	July 17.	July 18.	July 19.	July 20.	July 21.	July 22.	July 23.	July 24.
Chicago	1.57	1.59½	1.59½	1.58½	1.59½	1.58½	1.60	1.60½	1.61½	1.63	1.63	1.63½	1.63½	1.63½	
Kansas City	1.57½	1.60	1.58½	1.55	1.57½	1.57	1.60½	1.61½	1.62	1.62	1.62	1.62	1.62	1.62	
St. Louis	1.61	1.63	1.63½	1.62½	1.62½	1.62½	1.09½	1.13½	1.14½	1.14½	1.16½	1.16½	1.17	1.15½	
Omaha	1.57½	1.60	1.59½	1.59	1.59	1.59½	1.60	1.62½	1.63	1.63	1.63	1.63	1.63	1.63	

†July. \*No. 2 Red Western, Spot. †October. St. Louis Dec. corn after July 16.



## Grain Movement

Reports on the movement of grain from farm to country elevator and movement from interior points are always welcome.

### ILLINOIS.

Decatur, Ill., July 18.—Summary of 424 replies to inquiries show 2.2% of old corn yet to come.—F. P. Mulleady, acting sec'y. Illinois Grain Dealers Ass'n.

Chicago, Ill., July 24.—First car new oats of season arrived today from Ferris; consigned to J. H. Dole & Co. It inspected sample grade and heating and sold at 78c, the highest known for new of that grade. Last year first car was received July 18 from southern Illinois, inspected No. 3 white and sold at 39c.

### INDIANA.

Boston, Ind., July 20.—No old wheat in farmers hands.—Kitchel Elvtr. Co., by E. L. Compton.

Indianapolis, Ind., July 21.—The first car of new wheat was received July 16 by Frank A. Witt. It was grown in southern Illinois.

### KANSAS.

Ackerland, Kan., July 19.—No grain in farmers' hands.—S. H. Hill, agt., Casbier Elvtr. Co.

Alden, Kan., July 14.—Wheat beginning to move. With favorable weather threshing will be over in 12 days.—Farmers Grain, Fuel & L. S. Co.

### KENTUCKY.

Lexington, Ky., July 18.—No old grain in farmers hands except corn. About 20% of that, but little surplus.—Blue Grass Commission Co.

### MINNESOTA.

Minneapolis, Minn., July 16.—A car of wheat has recently been shipped from this point to Red Lake Falls, Minn. This is one of the most extraordinary reversals of the course of traffic ever recorded on the local exchange.

Duluth, Minn.—Receipts at this market during June were: Wheat 1,172,076 bus., oats 66,829 bus., barley 136,457 bus., rye 14,867 bus., flaxseed 121,298 bus., compared with wheat 2,975,946 bus., oats 252,467 bus., barley 819,192 bus., rye 158,060 bus., and flaxseed 210,066 bus., in June, 1916. Shipments were: Wheat 4,114,967 bus., oats 2,173,890 bus., barley 286,762 bus., rye 128,464 bus., and flax 882,259 bus., compared with wheat 4,081,702 bus., oats 397,476 bus., barley 643,597 bus., rye 123,115 bus., and flax 32,998 bus., in June, 1916.

### MISSOURI.

St. Joseph, Mo.—Receipts on this market very scanty lately. Some new wheat arriving daily but local dealers do not expect the movement to be brisk until the government announces definitely what action it will take. Corn receipts variable, a fair number of arrivals one day and falling off the next.—Allan T. West.

### MONTANA.

Barber, Mont., July 17.—Grain buyers were at sea this spring, not knowing what to expect. I stopped buying for a time, but am now taking grain again. Feel that conditions require the dealer to take a good margin.—W. A. Clark.

### NEBRASKA.

Chadron, Neb., July 19.—Practically no grain in farmers hands.—Robert Hood.

Waverly, Neb., July 12.—Old corn about shipped out.—W. L. Hand, mgr., Farmers Grain & Stock Co.

Cedar Creek, Neb., July 21.—Three per cent of wheat, 5% of corn and 10% of oats in farmers hands.—Duff Grain Co.

Chester, Neb., July 19.—Three per cent of old wheat and 5% of corn in farmers hands.—E. P. Brown, agt., Central Granaries Co.

Omaha, Neb.—Receipts at this market during June were: Wheat 709,200 bus., corn 4,986,800 bus., oats 1,150,000 bus., rye 17,600 bus., and barley 32,200 bus., compared with wheat 1,368,000 bus., corn 1,251,600 bus., oats 177,400 bus., rye 40,700 bus., and barley 35,700 bus., in June, 1916. Shipments were: Wheat 624,000 bus., corn 3,957,800 bus., oats 1,212,000 bus., rye 7,700 bus., and barley 22,400 bus., compared with wheat 1,436,400 bus., corn 1,075,800 bus., oats 1,012,500 bus., rye 28,000 bus., and barley 11,000 bus., in June, 1916.

### OKLAHOMA.

Waukomis, Okla., July 16.—Shock threshing will be completed in a few days. Farmers binning much of the wheat.—G. M. Lovell.

Sentinel, Okla., July 17.—Farmers storing all wheat possible, expecting higher price. Some look for \$5 per bu. by Christmas.—A. T. Jones.

### OHIO.

Wilmington, O., July 14.—New wheat movement will commence about July 20.—Wilmington Grain & Mfg. Co.

### TEXAS.

Greenville, Tex., July 19.—Farmers stored about 50% of wheat.—Greenville Mill & Elvtr. Co.

Moody, Tex., July 13.—The small amount of oats and wheat which were grown are being held by farmers for feed, as they fear the corn will prove a failure.—Moody Grain & Elvtr. Co.

THE PRICE to pay farmers for wheat came up at an informal discussion by millers in St. Louis, recently, and it was proposed that the storage ticket should be stamped that the millers would pay the price fixed by the Government, and that an advance of \$1 per bushel be made to the farmer until the food commission has determined what the price will be.

IN ITALY the spring weather has been exceptionally favorable and there is every likelihood that, in spite of a reduced acreage, the crops of wheat, rye, barley and oats will be heavy and of the best quality. Consul F. T. F. Dumont reports from Florence that conditions in that district, which produces one-fourth of the wheat crop of Italy, point to one of the best crops on record.—Commerce Reports.

## Big Business on \$30 Cash Capital.

So much fiction has been written about high finance and so little of it is seen in real life, that perhaps most persons have come to think that it cannot be found outside the pages of a book. To conduct a business enterprise with practically no actual capital is an achievement of considerable magnitude, and it is a thing which is not often done. A group of farmers has done this very thing in the country grain business, tho it should be stated at once that their attempt was not wholly successful.

With a capitalization of \$50,000, of which \$30 was paid in cash, the Reservation Farmers Elevator Co., of Ravalli, Mont., was organized in August, 1915, by a number of farmers in the territory tributary to Ravalli. The initial stock subscription totalled \$1,930. Of this sum \$30 was collected in cash in order that it might be available for filing fees, and notes were given for the remainder. Eight of the directors signed notes for \$250 each, payable to themselves and endorsed by themselves, and these, together with the notes for stock, were accepted by a bank as collateral for loans of \$4,000. The company now had a bank account, and one elevator was built and another leased. These were opened for business, and the business flowed in. Stock subscriptions were gradually increased to \$6,000, being paid for by stockholders' notes, which were deposited with the bank as collateral for additional loans, so that at one time the company owed the banks in excess of \$20,000.

All was more or less satisfactory until last season, when the enterprise blew up and state authorities called in R. J. Lemert, state accountant, who audited the books and unearthed the facts of the financing of the concern.

It is said that there were no evidences of mismanagement, but that the trouble was due solely to a lack of working capital.

A COMITE of the Massachusetts constitutional convention has under consideration a proposal to report an amendment providing for statutes to permit the state and its cities and towns to engage in the purchase and sale of foodstuffs, fuel and ice; and to establish the necessary facilities, such as markets, warehouses, etc.

## Exports of Grain Weekly.

	Wheat		Corn		Oats	
	1916.	1915.	1916.	1915.	1916.	1915.
July 1, to Dec. 30....	153,976,000	164,304,000	22,912,000	9,686,879	60,408,000	39,457,000
	1917.	1916.	1917.	1916.	1917.	1916.
Jan. 6.....	6,064,000	8,322,000	580,000	736,000	1,492,000	1,308,000
Jan. 13.....	4,930,000	7,680,000	1,771,000	535,000	1,656,000	2,095,000
Jan. 20.....	4,891,000	7,247,000	1,091,000	692,000	3,222,000	1,668,000
Jan. 27.....	5,383,000	7,029,000	1,556,000	868,000	1,838,000	1,946,000
Feb. 3.....	5,511,000	8,375,000	881,000	660,000	1,960,000	1,811,000
Feb. 10.....	4,375,000	8,046,000	1,343,000	974,000	1,334,000	2,010,000
Feb. 17.....	4,753,000	6,490,000	1,712,000	1,769,000	2,705,000	2,635,000
Feb. 24.....	4,122,000	6,450,000	1,321,000	490,000	1,779,000	2,104,000
Mar. 3.....	4,703,000	6,822,000	1,500,000	764,000	2,661,000	2,653,000
Mar. 10.....	4,679,000	7,415,000	1,540,000	923,000	2,917,000	1,834,000
Mar. 17.....	3,358,000	7,389,000	1,934,000	834,000	1,615,000	3,424,000
Mar. 24.....	4,387,000	7,449,000	1,602,000	1,500,000	1,839,000	2,581,000
Mar. 31.....	2,803,000	5,994,000	1,727,000	713,000	711,000	2,797,000
April 14.....	4,130,000	6,708,000	1,480,000	1,142,000	2,880,000	2,695,000
April 21.....	5,387,000	7,163,000	1,300,000	734,000	2,582,000	2,107,000
April 28.....	4,194,000	5,660,000	798,000	1,011,000	557,000	3,286,000
May 5.....	4,927,000	7,630,000	719,000	479,000	1,212,000	2,448,000
May 12.....	3,700,000	6,876,000	1,262,000	3,915,000	1,027,000	3,915,000
May 19.....	3,274,000	8,850,000	1,102,000	1,296,000	1,578,000	5,143,000
May 26.....	4,273,000	10,978,000	292,000	1,053,000	2,135,000	4,783,000
June 2.....	4,460,000	8,662,000	433,000	1,214,000	4,357,000	3,367,000
June 9.....	10,817,000	7,267,000	743,000	942,000	4,067,000	3,340,000
June 16.....	8,098,000	9,123,000	533,000	1,106,000	2,712,000	3,050,000
June 23.....	5,721,000	8,000,000	535,000	475,000	2,866,000	4,132,000
June 30.....	5,373,000	6,825,000	336,000	948,000	4,725,000	5,833,000
July 7.....	4,399,000	7,071,000	420,000	545,000	4,791,000	2,570,000
July 14.....	8,107,000	7,963,000	927,000	1,375,000	2,351,000	4,299,000
July 21.....	4,964,000	8,327,000	936,000	1,749,000	3,800,000	3,411,000
	298,630,000	382,716,000	53,345,000	40,289,879	130,108,000	124,156,000



## Nat'l Hay Ass'n at Chicago.

The Twenty-fourth annual convention of the Nat'l Hay Ass'n was held at Chicago July 24-26 with headquarters at the Sherman Hotel.

### Tuesday Morning Session.

The convention was called to order by Pres. D. S. Wright of Weedsport, N. Y., at 9:30 A. M.

Following the invocation an address of welcome was delivered on behalf of the Chicago Board of Trade by Sec'y J. C. F. Merrill.

A memorial address was read by John Dickson of Pittsburg, Pa., giving the names of two members of the ass'n who have died during the year, and expressing the regrets felt by the members of the ass'n because of their loss.

Sec'y J. Vining Taylor of Winchester, Ind., read the minutes of the 1916 convention; and Pres. D. S. Wright presented the report of the Board of Directors.

The report of the Com'te on Legislation was read by P. E. Goodrich, Winchester, Ind. From it we take the following:

### Report of Legislative Com'te.

No question of legislation, either state or national, has been referred to the com'te by the secretary or president during the past year. Neither has the members of the com'te considered any legislation other than the passage of the Pomerene B/L law thru the last session of congress.

The Pomerene B/L Law is the most important measure to the trade that has been passed by congress since the existence of our organization. We are pleased to report that thru the efficient and persistent efforts of the secretary, this organization took advanced grounds in favor of it when the bill was first introduced and followed it up vigorously until it was finally passed and became a law.

This measure provides that the transportation companies shall accept the weights of shippers as inserted in the B/L where they have adequate weighing facilities. This, of course, raises the question as to what adequate weighing facilities are, and in order that members of the trade may be in position to support their claims for shortage or damage they should be equipped with the very best wagon scales where hay is loaded directly from the wagons into cars. The scales should be inspected regularly by either the weighing department of the state or by the city or county department, where such a department is maintained. Where there is no such department we would urge all our members to secure the passage of legislation creating one in the several states. Where hay is loaded from storage houses it should be weighed very carefully and exact weight inserted in the B/L. These scales should also be tested frequently.

The railroad companies are checking the weighing facilities of shippers more carefully since the passage of the Pomerene law than ever before. You may not know it, but your local freight agent knows pretty well the condition of your scales and when they were last inspected. If we set up a claim for shortage and our scales have not been inspected within the last year we may expect the carriers to take the position that our scales are not weighing properly and for this reason they will not entertain a claim.

After the appointment of special com'tes the convention adjourned to 9:30 A. M. Wednesday.

### Wednesday Morning Session.

Pres. Wright called the meeting to order at 9:30, and F. M. Williams of New York City, chairman of the State Vice Presidents, was called upon to present the report for those officials. This report reviewed the trade conditions thruout the county and gave valuable information as to crop prospects.

A paper prepared by Wm. J. Overocker, Pres. New York Hay Exchange

Ass'n., was read. This dealt with the effect which motor propelled vehicles has had upon the hay business, its title being "The Horse vs. the Auto." Mr. Overocker reached the conclusion that the members of the hay trade need not fear that use of gasoline as feed for the motive power of the country's vehicles will make hay a useless commodity. Others who took part in the discussion which followed pointed out that the present demand is for clover and mixed hay for feeding to dairy stock, rather than for timothy which is largely used for horses and mules. It was felt by everyone that never can gasoline be fed to produce dairy products.

The report of the Transportation Com'te was presented by H. W. Robinson, chairman, Cleveland, O. It dealt fully with the activities of the com'te during the past year with reference to transportation matters, telling specifically of the efforts which were successful in causing the suspension of proposed tariffs which embodied new rules for re-consigning.

B. M. Huffine, Kansas City, Mo., chairman of the Arbitration Com'te, read the report for that body. It was shown that a great majority of the controversies which had been filed during the year were withdrawn voluntarily or compromised thru the friendly influences of Sec'y Taylor. Only a few cases remain for decision and in all of these further data must be filed before awards can be made.

H. A. Foss, chief weighmaster of the Chicago Board of Trade, read a paper on "Correct Weights at Unloading Points and How to Obtain Them." From it we take the following:

### Correct Weights at Unloading Points.

There are three dominant elements involved in the securing of accurate weights.

First and foremost of these, is a genuine desire on the part of the heads of an industry to have only true weights placed upon the records. Without this genuine desire for true weights, the other two elements will be of little or no avail. The second element in obtaining correct weights is an adequate weighing facility; I mean a good weighing machine that is suitable for the purposes for which it is to be used. The third is applied common sense in the care and operation of the weighing machine.

**Weighing Facilities:** There are some who feel that there is a regrettable lack of uniformity with respect to the character, kind and quality of the facilities used by the grain trade and the methods it employs in determining weights. There is also a growing demand for the classification of facilities used for handling and weighing grain to and from cars, a classification to be based on the adequacy and reliability of such facilities as may be indicated by the proposed definition of "an adequate facility." Many feel that these two questions of defining adequate facilities, and classifying the equipment in accordance therewith, should be disposed of at the earliest possible moment to the agreement of all concerned. Both proposals were advocated long before the Pomerene bill was given legislative sanction. Unfortunately the Pomerene bill uses the term "adequate weighing facilities" in one of its vital parts, without defining what adequate weighing facilities are, and this has resulted in confusion because of wide differences of opinion as to what constitutes adequate facilities.

The third requisite in securing accurate weights, viz. "Applied common sense." This brings into question, among other things, the possible fitness of the operator of the scale, the man who performs the weighing. It is obvious that the human element is a determining factor in the accuracy of the weights used as bases of settlement between man and man in the commercial world. The percentage of the world's commerce dealt in on the weight basis is so amazingly high, and the human element plays such a conspicuous part in

the accuracy of such weighing basis, that I often wonder why employers are prone to give little attention to the selection of their weighmasters; and, on the other hand, why weighmasters so often fail to realize the importance of their part in the world's work. If we would have accurate weights on which to do our trading, we must select men to operate our scales who have the necessary qualifications. And, bear in mind, that such a man must receive remuneration for his services commensurate with his qualifications. Too often this is the barrier that separates a competent man from an important work.

**System:** The question of systematic, orderly procedure on the part of a competent weighmaster is one of material importance in determining correct weights. With this in mind, it is absolutely essential that common sense rules be adopted for his guidance. Such rules must, necessarily, include a system of reading, recording and checking of weights that will, if intelligently carried out, reduce possible error to a minimum.

After the conclusion of the address by Mr. Foss opportunity was given for those present to express their views on the subject of weights.

C. B. Riley, Sec'y Indiana Grain Dealers Ass'n., took part in this discussion, relating something of the experience of the grain trade, and he impressed upon the dealers the necessity for co-operation between those interested.

Mr. Riley also took occasion to call upon those men who handle grain as well as hay to familiarize themselves with the new federal rules for grading wheat, and to apply them, in order that loss might not be sustained because of failure to buy grain according to the grades which must govern its sale.

### Wednesday Afternoon Session.

The convention was called to order at 1:30 P. M. and an address was delivered by W. E. Kies, Vice-Pres. National City Bank, New York, on "Business Problems, Now and After the War." Mr. Kies dwelt at length upon the legislation which has been passed recently, and that which is in prospect, pointing out the necessity for constructive organization of governmental activities along business lines if we are to be successful in bringing the war to a victorious end within a reasonable length of time. He mentioned some of the things which have been done by England in her efforts to meet similar problems, and showed that by taking certain steps now we can avoid some of the mistakes made by that nation. He also showed how much more satisfactory it will be if the war be financed as business would be financed, rather than by an attempt to pay the expenses immediately by excessive taxation upon business, which would certainly have the effect of curtailing necessary activity.

T. J. Hubbard, Mt. Pleasant, Mich., Pres. Michigan Hay & Grain Ass'n., read a paper on "The National Hay Ass'n. and Allied Organizations, and What They Mean to the Hay Interests of the Country." He gave a history of the Nat'l Ass'n., enumerating some of the many things which it, and its sister organization the Grain Dealers National Ass'n., have done to make better the conditions in the two trades.

The report of Sec'y-Treas. J. Vining Taylor dealt with the matters which have passed thru his office during the year, giving a synopsis of the work done and thanking the members for the hearty co-operation given to his office in the effort to bring about more satisfactory business conditions. The net membership was shown to have been 1,126 July 1, and the cash balance on hand the same date was \$6,490.19.



The report of the com'ite on Board of Directors' Report was adopted.

The auditing com'ite reported the books of the ass'n. to be correct.

N. G. Guerry, Pres. Artesia State Bank, Artesia, Miss., read a paper on "Reciprocal Demurrage," in the course of which he said that he found it much easier to secure cars for intrastate shipments of hay since the Mississippi R. R. Com'isn. issued a ruling requiring the payment of \$5.00 per day by railroads when they do not furnish equipment within 5 days after it is ordered.

The nominating com'ite recommended the following men for election to the various offices, and at the time of going to press it did not appear that any changes would be made in the list: Pres. R. B. Clark, Chippewa Falls, Wis.; 1st Vice-pres. Egil Steen, Baltimore, Md.; 2nd Vice-pres. W. H. Toberman, St. Louis, Mo.; Directors, D. S. Wright, Weedsport, N. Y.; G. S. Bridge, Chicago; P. E. Goodrich, Winchester, Ind.; W. A. Cutler, Adrian, Mich.; H. W. Robinson, Cleveland, O.

After a round table discussion of trade questions the convention adjourned to meet Thursday morning.

The Thursday morning session will be devoted to consideration of business of an executive character.

#### Convention Notes.

The sec'y's office passed out 525 badges to an equal number who registered.

W. S. Kies, vice-pres. National City Bank, New York, came from that city especially to address the convention.

Wednesday at 9:30 the ladies visited the Chicago Art Institute, and in the afternoon they were given an automobile ride thru the city's boulevards and parks.

Credit is due Charles Carlisle of Carlisle Com'isn Co., Kansas City, for having Col. Gravo, U. S. A., to attend the convention to study the hay situation in the interest of the War Department.

When the cabaret girls sang to the "Man of the Hour," R. B. Clark, the nominee for president, seemed to think it "the time, the place, and the girl," and to the further delight of the banqueters he arose from his seat prepared to offer himself as a partner for an impromptu dance.

The banquet and cabaret entertainment Wednesday evening in the Louis XVI Room of the Sherman House was a success in every way. The cabaret numbers were varied and furnished a great deal of amusement for the guests, and to guard against a possible dull moment the management had placed song folders at each plate, a song leader being present to direct the efforts of the guests in rendering the several selections. After the banquet the tables were cleared from the room and the remainder of the evening was devoted to dancing.

Tuesday afternoon was devoted to a cruise on Lake Michigan aboard the steamer "Theodore Roosevelt." From the Clark Street bridge the boat passed thru the river and into the Lake, proceeding northward along the famous Lake Shore Drive, in view of Lincoln Park and the Northwestern University. After steaming several miles into the Lake the boat was turned toward South Chicago and another change of course was then made to permit the visitors to view Grant and Jackson Parks, the landing being made at the Municipal Pier at 6:15. The weather was delightful and everyone enjoyed the trip. Music for dancing was furnished by the ship's band.

#### Check Swindler at Work.

A man representing himself to be in the employ of the Buffalo Grain Co., of Buffalo, N. Y., and giving his name as Wilbur Edwards, has recently passed forged checks at hotels in Horton and Manhattan, Kan. In each case the checks were for \$112, the form used being imprinted with the name of the Buffalo Grain Co. It is said that he showed letters from that firm, on printed stationery, and carried cards which introduced him as their representative.

Edwards is described as being about 22 years of age; of slender build; about 5 feet 8 inches in height and weighing about 120 lbs. The manager of the hotel at Horton states that he wore a medium light brown suit, the material having an inconspicuous stripe, and a green soft hat. He is light complexioned, with dark hair, which is clipped closely around the edges.

It is not known that he has called upon grain dealers, but he has evidently given

some attention to the grain business, and the fact that he has a grain firm's printed checks and stationery in his possession makes it seem probable that he will make other efforts to use them.

The members of the trade should be on guard, and local hotel keepers should be posted. If he is apprehended Sheriff C. E. Schermerhorn, at Manhattan, Kan., should be notified by wire.

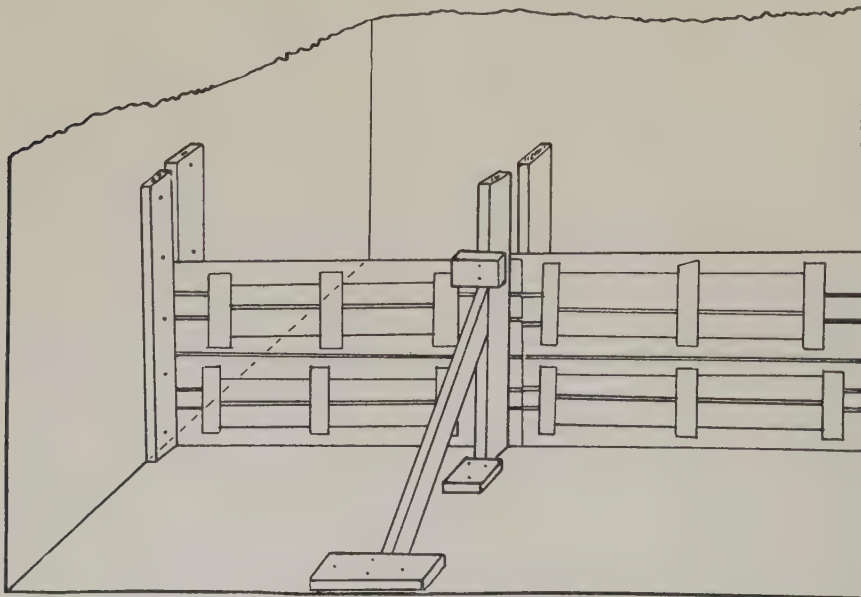
#### A Safe Bulkhead.

The grain shipper does not usually load two kinds of bulk grain into the same car as a matter of choice, but rather because the exigencies of the case require that he do so, and in order to get the matter off his mind he instructs the elevator man to "bulkhead that car," without stopping to consider whether the assistant knows what is necessary in the proper construction of a bulkhead. That is the reason why the inspectors have to make so many condition reports showing bulkhead leaking, shifted or broken, with a consequent mixing of the different kinds of grain.

If ordinary grain door lumber is used it is necessary to overlap the boards, as one length is not sufficient for the purpose. Before putting up anything else, 2x4's should be securely nailed in an upright position at the points on each side of the car where the bulkhead is wanted. Never should the bulkhead touch the grain doors which are used in cooping the car, for when that is done it is impossible to avoid a mixture of the grain when the unloading is being done. Build the bulkhead far enough from the door so that one grain can be unloaded without in any way disturbing the other.

When the upright 2x4's are in position the next step is to place the required number of grain doors against them, nailing securely at both ends and in the middle. Now nail other upright strips to the wall opposite the first two, thus making it impossible for the bulkhead to shift at the ends.

In the center of the car, 2x4's should be placed perpendicularly on each side of the bulkhead, with their 2" faces touching the boards of the same, and here the bulkhead material should be well nailed. These uprights should be blocked securely at the floor, and it will be helpful if they extend to the roof and are fastened there, tho that is not necessary. It can be readily seen that a bulkhead must be well braced in the middle, and this can be accomplished by securely fastening a strong board on each side of the same so that it rests on the floor about four feet from the bulkhead and reaches to a point a like distance above the floor on the upright. Block the braces at both ends to prevent slipping, build the bulkhead high enough for the quantity of each grain to be loaded, use burlap or strong paper to make it grain tight, and there will be practically no danger of the grain becoming mixed.



Plan of Safe Bulk head.

THE DEMAND for whiskey and alcohol, in anticipation of the prohibition of the use of grain in the manufacture of intoxicating beverages, is reflected in the Peoria revenue collections for the first 15 working days of July, there being an increase of \$2,262,018 over the corresponding period of July 1916. The distilleries are being operated at their greatest capacity but are unable to keep pace with the demand, but not a drop of the present manufacture is going into store in the bonded warehouses.



# Montana Dealers Meet at Mammoth Hot Springs

The Northwestern Grain Dealers Ass'n was late in gathering at Mammoth Hot Springs, Yellowstone Park, for its third annual meeting so that the first session was not called to order until 7:45 p. m. Wednesday, July 11.

President H. S. Anderson of Stanford, Mont., welcomed the dealers and read his annual address, from which we take the following:

## President's Address.

Again it becomes my pleasant duty as President to open this convention, our Third Annual Convention of grain dealers. Usually the Mayor of the community gives the welcome. But we find the people whom we are so happily thrown in with on this occasion so well behaved they do not need a governing head. Therefore, it becomes my pleasant duty not only to open this Convention, but also to give you the welcome to which you are entitled. I am proud to be at the head of such a representative body of grain dealers and to complete the welcome I give it most heartily.

These annual meetings are for rest, recreation and inspiration. In line with the objects of the Ass'n we gather to promote more cordial relations and greater harmony of business action. Co-operating in fairness is a remedy for many of the industrial ills and a promoter of friendship which should exist even between competitors.

While we are the youngest grain dealers association in the United States we have made great progress. We are now in our third year and with a continually growing membership, and with increasing demands for usefulness. With more than two years of experience as an ass'n, we are a reality with results that are good. And may our business career be of a texture not altogether of a strictly cold business character but that in our relations to other members and to the public, there should always be a consideration of individual rights controlled and influenced by the grander, purer and more ennobling influence of business fraternalism.

Again I extend to you all a most hearty welcome. Let us enjoy ourselves to the utmost, entering into it in the spirit in which it is intended, forgetting our business worries, working out our problems together and cultivating that friendship which binds people in a common effort for improvement.

At this the close of my two years administration as President of this Association, I desire to say that it has never been my pleasure or privilege to be associated with a more loyal, intelligent and courteous lot of business men. During this time I have received so many courtesies and so much help from the members that it would be impossible to enumerate them. For all these considerations I am very grateful.

With dignified and honest purposes controlling our work in the future as in the past, we are sure that the necessity of this organization will be more pronounced every year. Personally, I have done the very best I could for the Ass'n which have required of me many sacrifices, but which have been amply repaid by the many friends I have made, and the conscientious feeling that I may have helped even if but little to establish more firmly the fundamentals of equity and justice in this branch of the country's commerce.

A. E. Barkemeyer, Great Falls, in responding said that he had read of a grain dealer who in responding to an address of welcome had acknowledged his weakness as a speechmaker and invited all to the bar so he could buy the drinks.

I am sure you all fully appreciate the great service rendered this organization by our president oftentimes at great personal sacrifice. I know I voice your sentiments when I thank him for his earnest efforts in our behalf.

O. T. Newhouse, Minneapolis, in telling of the Functions of a Grain Commission Merchant, said:

## Functions of a Commission Merchant.

The functions of a com'isn merchant can all be summed up in the one word "Service." He has nothing to offer except his services in acting as your representative in terminal markets and his ability to co-operate with you in financing the movement of grain. These, then, may be called his functions, and as such they are separate and distinct.

Representing you in terminal markets involves the exercise of power of attorney to receive your consignments and to handle and sell your property to the best possible advantage, subject to such instructions as you may give.

The first notice he has of your consignment is when he receives your advice of shipment. Its receipt is promptly acknowledged, and any instructions that you may have given are carefully noted for the benefit of the salesman who offers it to the buyers.

The sample of the shipment is given careful attention in order that there may be no possibility of mistake in grade, and if the official inspection does not meet with the salesman's idea as to the true grade, or if it does not equal or exceed the grade which you have placed on the grain, every facility offered for additional inspections is used before the matter is permitted to rest.

The salesman who has charge of the car on the floor must be an expert as to values, and he must be in the closest touch with the market. There are on the floor representatives of all the big mills and terminal elevators, men from country mills with orders to buy wheat, also stock feeders and others, all keen buyers. It is up to the salesman to know what kind of wheat each of these buyers wants, and to sell to the ones who will offer the highest prices. In order to avoid demurrage he must not hold cars over unless there be instructions to do so under certain conditions, or unless he feels that it will be best to do so.

After sale is made it is confirmed in writing to both the buyer and seller, and the railroad company is given instructions as to disposition. Care must be taken to see that unloading weights are returned promptly, and some times this means that a clerk must trace a car which has been lost in the yards and send it on to the elevator. When unloading weights are received, the several certificates in hand, and the freight paid, the cashier is ready to make up account of sale. You are all familiar with the way this comes to you, but perhaps you do not recognize that there is a vast amount of bookkeeping and similar work to do in order that each car may be handled properly; and when all of it has been done the com'isn merchant receives an average fee of about \$11.

A claim department is maintained by practically every com'isn merchant for the benefit of shippers and no charge is made for filing claims against carriers for loss or damage in transit or for following up the claims after they have been filed.

The traveling representatives of com'isn merchants render country shippers a valuable service. They are chosen from men who have had ample experience, both in the country and at terminal markets, they are usually experts on values of grain and endeavor to keep in close touch with the markets, and are in position to give valuable information to shippers.

Every com'isn merchant endeavors to give the best service in all departments of his business, and he must do so if he is to receive your consignments, for the fees which he may charge are regulated by the exchange and are not susceptible of variation in different cases, so that he cannot win patronage by cutting charges. He must serve you well, and he does it by performing a multitude of tasks, many of which are but remotely related to the selling of consigned grain and which are only profitable to him if they add to the good will which you bear toward him.

Financial assistance rendered country dealers by com'isn merchants is of secondary importance, but it is no small matter. Com'isn merchants' extend credit of from \$25,000,000 to \$50,000,000 per year to

country dealers. This money is loaned at a very nominal rate of interest, and it is supposed to be used for paying for the grain as it is purchased at the elevator, with the understanding that it is to be shipped as soon as equipment can be obtained.

The amount advanced to a farmers elevator company or to an individual is often excessive from a banker's point of view; in fact, the advances are sometimes so liberal as to appear ridiculous and the risk taken is out of all proportion to the profits received by the com'isn merchant. This liberal allowance is due to the extremely active competition which the com'isn merchant must meet. The risk is not so great as it would seem to one not familiar with the business; for the reason that grain is practically a cash commodity; and it may be further minimized thru the judicious use of the hedging system provided by the future market and by the provision for making sales to arrive. Moreover, the com'isn merchant is in close touch with conditions in the country thru the reports of his traveling representatives and if grain is being bought with the money he advances at prices that are not in keeping with values, or if speculative risks are being taken by the country dealer the com'isn man is foolish if he does not curtail the line of credit extended; for these practices usually result in loss to the dealer. It is believed that there will be less need for this service in the future as transportation facilities are improved in the northwest and as the trade becomes better established. It has already been discontinued in the Chicago market except as to advances on Bs/L.

In conclusion, I want to say that the whole business world cannot produce another enterprise that offers the expert service that the grain com'isn merchant gives for a fee so nominal as is his charge.

H. M. Giles of Minneapolis read a paper on Mutual Insurance, from which we take the following:

## Mutual Insurance.

Mutual insurance is a system planned to furnish insurance to its members (policyholders) at cost, thereby differing from the plan of the stock companies which are designed to return as profits to stockholders any amount which may be collected above the cost of insurance. The mutual plan is the oldest known; the most in favor where understood; the strongest in proportion of insurance at risk to cash assets; and the safest.

It is safest because the proportion of failures is markedly less than under the stock plan. It may be asked how the mutual companies are able to achieve this low record of failures and, at the same time, to effect an actual saving in cost, when stock companies writing the same classes of risks lose so heavily. The answer is simple: it has been done thru the careful reduction of expenses and by the gradual standardization of buildings and machinery equipment and by the elimination of the inherent hazards of manufacturing.

Mill and elevator mutuals are organized under laws in the several states specifically providing for such corporations, and the plan under which they are operated is likewise specified by law, for the most part.

All insurance contemplates the payment by the policyholder of a sum in return for the protection which he receives. The stock company collects this premium, pays out a portion of it for fire loss, another amount for expenses and the remainder goes to the stockholders as dividends. The mutual company collects the amount in the beginning; it, also, pays its expenses out of this amount (keeping the expenses as low as careful operation can make possible); the sum also covers disbursements for losses; and the remainder is returned to the policyholders. The mill and elevator mutuals usually take a premium in cash for the term of the policy; in some instances they will accept notes to cover this amount, and they retain the sum so collected, levying assessments semi-annually or annually to cover the loss which is experienced. The sum which is paid in the beginning is in reality only a deposit, against which assessments are charged, and when payment is made to cover an assessment the deposit is again brought to its full amount.

The Mutual Fire Prevention Bureau, of Oxford, Mich., has been organized by the various companies specializing in mill and elevator risks, and its sole purpose is to discover, study and plan to eliminate the causes of fires in elevators and mills. Every effort is being made, thru the inspection service, to call to the attention of policyholders defects which are found, so that they may be remedied. This serv-



ice is, therefore, based on co-operative lines and if you will consider that it places the combined experience of our companies, involving millions of dollars in fire losses, at your disposal to prevent a serious fire loss in your plant, I am sure you will appreciate that recommendations made for the better protection of your plant are not made in a spirit of fault finding, but as a real service to you as the owner and to all other owners who are similarly situated and who must bear a portion of the burden when your plant burns.

Grain insurance may now be purchased from the different companies' department offices by telegraph, the companies furnishing books of blanks which provide a carbon duplicate for retention in your office, a confirmation to be mailed to the insurance company, and a copy for the telegraph company. You are thus enabled to secure protection from the mutual organizations as quickly as from the local agent of the stock companies, as the filing of the message at the telegraph office puts the insurance in force at once.

Your business organization consists of executive and operative units. In my experience of twenty years I have rarely found the executive branch of a business deficient in its relation to existing fire hazards, but in most cases the operative end is lax, and in my opinion this is so because of improper discipline among employees. Co-operation between both units is most essential if the full measure of success is to be obtained. The mill and elevator mutuals, thru the inspection service, are upon the job constantly to advise with you as to the things which are needed to reduce the danger of fire destroying your plant.

The property is yours; your business has been built up by hard work; and as progressive business men you should welcome the assistance which the mill and elevator mutuals stand ready to give you in this matter.

R. D. Jarboe, Portland, Ore., Federal Supervisor, in the absence of Chas. J. Brand addressed the dealers on the Grain Standards Act. As you know the new rules provide for 3 classes of hard winter and 4 of hard spring wheat. It does not necessarily follow that one class has greater value than another, but I presume the classifications are to assist the miller in obtaining the wheat needed to make the kind of flour demanded by his trade.

The grades we had in the past had all kinds of limitations conveying different meanings to different persons. The purpose of the Federal rules is to provide grading rules which could be interpreted the same by all.

The members of the different grain dealers ass'ns long since discerned the wide variations in the gradings of the different inspection depts. and demanded a change which should insure uniform rules and uniform grading.

The Agri. Dept. has made a good start toward uniformity, but does not believe the present rules are the last word in grain inspection. I doubt not changes will be made as opportunities for improvement develop in the course of their use.

When you see that changes can be made to the advantage of all write your convictions to the Bureau of Markets and your suggestions will receive serious consideration.

P. R. Trigg asked Mr. Jarboe if the drafter of the wheat rules took into consideration the embarrassing confusion of the country dealer, who with his present grading facilities attempts to buy and post prices on 3 different classes of hard spring or hard winter wheat. Suppose we had a grain scale and a farmer came in with 3 kinds of hard winter wheat in the same load. It is a busy day, the elevator is running and dusty, farmers are waiting. If the elevator man attempts to, count out and weigh the yellow berries, What will the farmers think?

I believe it will necessitate the employment of at least two extra men in each country elevator.

Mr. Jarboe assured the dealers of the Dept.'s desire to satisfy all and to deal fairly and justly with all interests.

Adjourned to 9 a. m. Thursday.

#### Thursday Morning Session.

The second session was called to order in The Canteen at 9:30 and Secy. H. N. Stockett read the minutes of the 1916 annual meeting and special meetings, which were approved.

Secy. Stockett read his annual report, from which we take the following:

#### Secretary's Report

This is our third annual convention. The growth of the Ass'n has continued during the past year. By growth we do not mean in membership alone, which has been quite steady, but we call your attention to our

rapidly increasing influence as an important commercial organization.

Up to a certain time our activities have been confined principally to conditions within the borders of Montana, since then we have become a factor in National and world affairs as well. And, while we have broadened our field of work we have not overlooked the many problems with which we have had to contend in Montana.

The past year has been one of constant activity. While our efforts have not all been crowned with success we believe the grain and milling trade of our territory has been benefited and is now in a much better position, to guard their interests than they have been in the past.

In the life of every industrial organization that succeeds are encountered two trying features, the expensive development period and the crucial test of proving its worth. We have safely passed both. It is now for us to make the best and wisest use of our opportunity.

We have 385 enrolled members and we are practically out of debt. New members are coming in steadily. Before the new crop begins to move there will be another goodly increase in our membership. Heretofore whenever the directors and executive have been called together in the interest of our members they have given their time and service without compensation. The time is not far distant when we will be able to pay for this kind of service and retain a reasonable reserve fund for any unusual big thing that might come up.

We have had a steady, healthful growth, indicating the stability of our organization and that it is recognized, as well as showing that the usefulness of the Ass'n is favorably regarded. We know the stronger we are the more influence we have for good, and for this reason, every member of this Ass'n should aid in increasing our membership when desirable parties are available, and also co-operate with your officers and executive committee to the fullest extent.

The grain industry is a superior business, demanding the best there is in us. The Ass'n is not noisy with its work, the less you hear about it the more it accomplishes. We spend more time doing things than in merely reciting the doing of them. It is prepared and acts whenever your interests are jeopardized. Its power is based upon the frank and open conduct of its affairs.

Great is the importance of the grain industry to the welfare of the individual, the nation and the oppressed everywhere, while we are facing a world crisis. Very important is the production, distribution and conservation of grain and grain products. It is also now a national duty to co-operate. Because of the universal need it is a matter of great pride that we as an ass'n are in good condition to be helpful!

Your secretary is grateful for the valiant

#### Officers N-W Grain Dealers Ass'n.



Rear, left to right: Directors Paul Roseberry, Musselshell; O. W. Simonson, Malta; Paul R. Trigg, Lewiston; H. S. Anderson, Stanford. Front Row, left to right: Director J. H. Hyat, Red Lodge; Sec'y H. N. Stockett, Great Falls; Pres. H. T. Goodell, Hobson, and Vice Pres. J. R. Swift, Lewiston, Mont.



assistance given by members and others, without which we would not have done so well, while with it the burden has been lightened and the work made more of a pleasure.

We hope that long before we have another meeting the entire universe will be at peace and that no man's hand will be raised against his brother.

Secy. Stockett presented his financial statement.

The financial statement, pending the audit by the special com'te, was accepted.

The election of officers resulted in the selection of H. T. Goodell of Hobson for president, J. R. Swift of Lewistown for vice-pres.

Upon motion a com'te was appointed to nominate directors from different sections of the state and after a short recess presented the following: For the first year term: O. W. Simonson, Malta; Paul Roseberry, Musselshell; J. A. Moore, Great Falls; Paul R. Trigg, Lewistown.

Second year: W. P. Ladd, Billings; H. S. Anderson, Stanford; C. H. McLeod, Missoula, and J. H. Hyat, Red Lodge.

No other nominees being presented, all were elected without opposition.

E. G. Osman addressed the meeting on The Value of the Trade Journals to the Grain Trade.

J. E. Spurling read a paper on the Railroads and the Industries, from which we take the following:

## Railroads and Industries.

The Railroads are next to farming, the greatest industry of this country. Railroads and farms are what you gentlemen are mostly interested in, the farms produce your grain the railroad takes it to market, therefore my talk will deal largely with these two industries, and I will endeavor to illustrate the dependency of one upon the other and the need for close co-operation between the two.

You know of the efforts recently made by the Railroads for an advance in freight rates; unfortunately for all of us the request has not been granted in full, the farmer and thru him, the grain dealer is going to feel this more acutely probably than any other industry for the reason that the railroads will not be able to improve and better their conditions as they wish to do, and should do; the farmer will be among the first to feel the lack of proper facilities for his interests are so closely interwoven with transportation that the slightest interference with the latter disturbs and puts out of balance his arrangements and plans and causes loss of time and money. The farmer therefore and industries as closely allied with him as the grain dealer should in his own interest and for his own protection be the

first to insist upon a fair rate for the transportation companies.

The making of rates is a matter to be handled cautiously and studied with care, no rate of an interstate character as you know can be effective without the consent of the Interstate Commerce Commission nor can an intrastate rate become effective without being passed upon by State Commission and again our State legislators feel it their duty to take a wallop at the Railroads at every session.

It is not my intention to deny that at present the Railroads of the Northwest are doing a fine business some of which have been for years doing as much as possible to improve their physical condition are making some money and are entitled to it, but conditions are extraordinary and the Railroads may be required to live a long time upon the fat they are now accumulating in the meantime the property deteriorates the service is irregular and the public suffer. But the small bore politician glad hands you and tells you he was instrumental in saving you a hundred dollars when his action either actively or passively supported by the general public is costing you millions.

Montana and the entire Northwest, is today the land of promise, all eyes are turned toward us, we are developing rapidly, could we have 1,000 miles of new Railroad Lines constructed in Montana in the next two years our population would increase one hundred per cent, it would mean at least two hundred new elevators, it would mean an increase of at least ten million bushels of grain, it would mean a bigger, stronger, membership for your association. It would mean more bread for the world, from the best wheat grown in the world; it would mean more and better business for our Minneapolis, Duluth, and Chicago dealers.

A very important matter to you, to the farmer, to every one having to do with carriers, is the handling of this seasons crop. There is an actual shortage of equipment today which will become more acute when this crop is ready for market. You can co-operate with the farmer, the carrier, and assist yourselves by using the influence of your association to induce every farmer to construct a granary upon his farm. He can then care for his grain at home until your elevator is in condition to receive it and can successfully prosecute his fall work, and give you more business next year.

An effort should be made for a more even distribution of movement of all commodities. Our friends, the coal mine operators have gone at this problem in a very intelligent manner and the result of their efforts will prove to be a big factor in the congestion which is bound to come soon. A great many commodities must move within prescribed dates this is true of wool, live stock, and possibly others, but our grain can and should have a more even distribution of movement. This can be accomplished by the farm granary referred to.

Pres. Goodell: In the present trying times our government needs the help of

all in solving the problems confronting it. We should encourage our farmers to renew their seed wheat. In my own section winter wheat is a failure. Our farmers pay no attention to the selection of seed, altho they must recognize that the best is needed to give us a good crop. Let us do our part to get better seed.

Adjourned to 2 p. m.

## Thursday Afternoon Session.

The third session was called to order by Pres. Goodell in the Post's Exchange at 2:45 p. m.

F. R. Durant of the Grain Bulletin said: The price card is not a price card at all; it simply gives the Minneapolis price of grain to arrive less freight and fees. Years ago country shippers experienced much difficulty in determining the price they could afford to pay for grain. It was suggested that some person not interested in the grain business should compute the commercial value of grain and give the results to the country buyers. We started sending the Grain Bulletin to Montana dealers last November and the service seems to meet the needs of the country elevator men of this state. Our circulation has now grown to 4,500.

We expect to increase the number of distributing points. We now have two and shall probably establish one at Billings, Bozeman and at some point on the highlands.

We expect to give prices on all the Federal grades.

J. J. Fitzgerald, Omaha, in addressing the dealers on Food Conservation said he was about as bewildered on the subject as Washington and that he was unable to believe all the wild statements being made. But I do not believe that all the waste lies in the coffee grounds, eggshells and potato peelings. I do not believe the American housewife is to blame. I have eaten too much hash and sour milk pancakes to blame her. The Asst. Sec'y of Agri. says we waste \$700,000,000 worth of food annually and that Europe would thrive on what we waste. I cannot believe both statements are correct.

Our greatest waste is from fire, which amounts to \$250,000,000 annually. Last year about 250 grain elevators in the grain surplus states were burned. It can not be possible that these fires could not have been prevented.



Some Montana Dealers Who Did Not Rush for the Bus When the Meeting Adjourned.



Many recent elevator fires have been credited to incendiaryism and some of them look very suspicious.

The National Board at the instigation of the Government is conducting careful inspections of all food storehouses in the hope of reducing the number of fires and we have been placed in charge of inspecting the grain elevators of Nebraska. I do not expect elevator men will stop all fires, but by exercising care they should be able to reduce the number of fires.

The suggestion that stockades be built about our elevators is foolish. If the elevators are well lighted, they can easily be watched and guarded.

I think Mr. Goodell's town of Hobson has a good plan for reducing the fire hazards. Each night two business men watch the town. They take turns, are interested and should greatly reduce the number of fires.

In your own interests you should go to the head of your fire dept. now. Do not wait until the fire. Tell him if the fire gets a good start when the elevator is full of grain to let it go and not thro a lot of water on the grain, because it will do more damage than fire. Our experience is that we get a loss of \$200 or less, or else the loss is total. In other words, if you do not save the elevator the first 10 minutes it is a goner.

When the fire occurs look after the salvage just as tho you had no insurance. It is your property. We had one fire recently where the manager got busy soon after the wood was burned and saved grain which netted over \$9,000. The man right on the ground will be able to save more grain salvage than anyone if he will keep water off the grain, separate the damaged from the good grain and market it immediately. Do not wait for the adjuster, as by the terms of the policy the owner is duty bound to take care of the property. The adjuster comes just as an accommodation to policyholders. Any delay in handling salvage grain will surely increase the loss.

Geo. E. Newman, Chicago, talked to the dealers on the value of ass'n meetings.

Telegrams from Sec'y Chas. Quinn and Vice-Pres. Trask, also a letter from Sec'y Quinn, announcing the appointment of a com'te of 9 from the National Ass'n to confer with Food Administrator Hoover.

R. D. Jarboe told the dealers that in complying with the requests of the railroads to load cars to capacity that they

shud avoid loading cars so full, that the inspectors will not be able to obtain a fair average sample of the car's contents, otherwise its grading will be delayed.

P. R. Trigg: I think we should have better inspections and more reliable reports on condition of grain laden cars upon their arrival in the terminals. Last season we had a car of wheat into Chicago which was 2,200 lbs. short. I wrote the receiver and after a time he reported the car report showed the car to have arrived in good condition. Not satisfied, we took it up with the inspection dept. and we received letters from the chief inspector and his deputy telling that the car arrived in bad condition, in fact the deputy wrote a second letter stating that the car was in the worst condition of any grain laden car he had seen in three years. Six months have passed, but we can not collect for our loss.

J. R. Swift moved that the directors draft a resolution expressing our loyalty to our Government. Carried.

W. N. Smith: I think our Sec'y should call the Government's attention to the great amount of grain being wasted by poor cars. They furnish an opportunity for real conservation.

Adjourned *sine die*.

### The Banquet.

No sooner had the executive session of the convention adjourned than many members rushed to pack their grips so as to catch the last bus for the day to Gardiner, but a number of the faithful ones with their ladies remained over to participate in the banquet, which was a most enjoyable affair. Mr. W. N. Smith of Lewistown acted as toastmaster, and feeling sure that he was master of the situation as well as the ceremonies, took advantage of some of the more timorous ones, with the result that the diners at the far end of the long table took charge of the proceedings and bombarded him with quickly formed limericks that were not all encomiums. The dinner was good and the banquet was voted a pleasing success by all who participated.

### THE LADIES.

Certainly there was one contingent of the Montana Grain Dealers Ass'n who was delighted with the meeting place at Yellowstone Park and that was the ladies.

They became well acquainted as they knitted and took snap shots of the deer,

which came near the porches and were always willing to pose for their pictures.

The ladies tramped over the lime, sun-reflecting terraces and then what a rush there was for cold cream.

Even the gentlemen compared red noses, but Mr. T. L. Martin of St. Louis declared that his was the sorest.

Mr. W. N. Smith brought his wife and daughters in his car.

Mr. and Mrs. H. T. Goodell had another merry party in their auto, and Mr. Ed F. Halloran had a jolly crowd in his Henrietta.

The ladies all claimed to come from Missouri as they stuck their fingers in the bubbling pools to see just how hot was the water. Some fair fingers were almost scalded but the owners claimed greater bravery instead of greater curiosity.

At Old Faithful Mrs. Durant's party tramped to Handkerchief Pool and tossed in their dainty handkerchiefs expecting with smiling optimism to see them returned all boiled and clean. But the Chinese laundryman must have been at his opium trance for no h'd'k'fs returned.

At the Lake Hotel there was a lively Virginia Reel where Mr. and Mrs. Goodell shone with their original steps.

The Minneapolis party were Mr. and Mrs. F. R. Durant, Miss Avis Durant, Mr. and Mrs. T. W. Hall, Mr. and Mrs. H. B. Putman, and M. R. Devaney and his sister Miss Devaney. The choice story which each of this party will relate with a chuckle was on Mr. Hall. The bears go each eve to feed at the garbage dumps which are a half mile or more back of the hotels. At the Lake Hotel this grain dealers party tramped thru the woods to see these bears. It was growing dusk, the half mile seemed to lengthen into a mile and so Mr. Hall was telling jokes and turning part way around so all could hear him. He said, "Don't you wish we would run into a bear?" Then he turned suddenly and right beside him was his wish—a big black bear.

Did Mr. Hall register surprise? Well, it was the real thing, not cinematograph surprise, but Mr. Hall held his ground like a real cinematograph hero until the bear realized that no one bear could do that Minneapolis bunch, so he climbed a tree.

Other ladies attending the meeting were Mesdames H. N. Giles, C. A. Stephens, O. W. Simonson, C. S. Clark and Misses Goodell and Clark.



Grain Dealers and Their Ladies Waiting for Dinner at Old Faithful Inn.



## Convention Notes.

From St. Louis came Thos. L. Martin. One Chicago receiver represented, Rosenbaum Brothers by Geo. E. Newman.

The executive committee selected by the directors are all from Great Falls, viz: D. R. Fisher, W. T. Greely and A. E. Barkemeyer.

Elevator supply men in attendance: F. L. Baeke, repta the Howe Scale Co., of Ill.; F. Brunnhorst, H. C. Caywood and Lloyd Stearns.

Souvenirs included a 6 inch rule from the Butler Mfg. Co., a goat from F. R. Durant and a lead pencil from Annan-Burg Grain & Mfg. Co.

In the absence of the Chief of the Bureau of Markets R. D. Jarboe, Federal Supervisor of Portland, Ore., explained the new wheat grades.

Some dealers arrived the third day, but inasmuch as so many of the speakers booked for addresses had wired their regrets, the program was crowded into two days.

Insurance men in attendance included J. J. Fitzgerald and E. F. Holloran of the Grain Dealers Fire Ins. Co., and H. N. Giles and C. A. Stephens of the N-W Dept Mill & Elvtr Mutuals.

Minneapolis was represented by M. R. Devaney, F. R. Durant, T. W. Hall, W. G. Kirkpatrick repta Woodward, Newhouse Co., C. J. Martieau, H. B. Putnam, R. W. Soule, R. M. Ward and C. G. Williams.

Among the Montana shippers present were H. S. Anderson, Stanford; A. E. Barkemeyer, Great Falls; M. L. Bateman, Livingston; J. W. Carr, St. Ignatius; A. J. Foss, Wibaux; H. T. Goodell, Hobson; V. F. Guinzy, Wilsall; W. W. Haight, Great Falls; J. H. Hyat, Red Lodge; G. B. Ladd, Roberts; M. B. Larson, Cutbank; T. McMichael, Harrison; C. W. McNulty, Geysers; F. H. May, Livingston; Wm. Nott, Hingham; Paul Roseberry, Musselshell; O. W. Simonson, Malta; C. Swanz, Hobson; W. N. Smith, Lewistown; J. R. Swift, Lewistown; P. R. Trigg, Lewistown; Chas. Vandenhoeck, Bozeman; L. C. Walsh, Lewistown, Mont.

## Canadian Maximum \$2.40.

The Board of Grain Supervisors for the Dominion of Canada has announced that the maximum price of wheat after Aug. 1 shall be on the basis of \$2.40 per bushel for No. 1 northern in store at Fort William.

The fixed price will apply to the balance of the old crop; and whether it also will apply to the new crop is not definitely stated but probably not, as it is a temporary emergency measure to meet the holding tendency of Canadian growers that developed immediately after the United States Senate adopted the \$2 minimum amendment. On July 20 \$2.55 was paid for No. 1 northern wheat at Winnipeg, and the higher it got the less was for sale. The purpose of the \$2.40 limit was to loosen up holders.

Will the growers export their own wheat or hold it? Watch the results.

NEW RYE sold at Baltimore July 5 at \$2.20 per bushel, or 5c per bushel more than had been paid for the first new wheat a few days earlier. It is most unusual for rye to command a higher price than wheat.

## Hearings on Claims for Loss in Transit.

Examiner H. C. Wilson of Washington was given a voluminous presentation of the railroad side of the natural shrinkage question at the several hearings at Minneapolis, Omaha and Chicago recently. The carriers' representatives went fully into the handling of claims and discrepancies in weights, and even attacked the facilities of country shippers and their accounting methods.

The freight claim agent of the Chicago, Great Western unmercifully exposed certain shippers in Iowa who apparently could neither weigh nor account for grain.

Nearly all the time of the examiner was taken up by the railroads, and the shippers have asked for an opportunity to present their testimony.

Fred Von Borries of the Ballard & Ballard Co., Louisville, Ky., called by Attorney Bell of the Commission, presented a record of grain cars arriving from country and terminal points, showing that of 248 cars arriving in one month 130 were leaking. In August, 1916, of 386 cars received from country points 100 were leaking. Of 80 cars from terminal markets 19 leaked an average of 10:36 bus.; and the 61 cars not showing signs of leakage were short 11:30 bus. each. The railroads paid 20 and declined 30 claims.

The impression the Commission appeared to be under, that the shippers were imposing upon the railroads, who were paying doubtful claims in most cases, were pretty thoroly exploded by the testimony of the grain shippers at Minneapolis.

The attendance at the Chicago hearing included about 90 carriers' representatives and 10 shippers' representatives. Among the latter were Herbert Sheridan, Baltimore Chamber of Commerce; John Dower, St. Louis Merchants Exchange; H. G. Simpson and H. A. Feltus of Minneapolis; Clay Johnson and W. T. Cornelison of the Peoria Board of Trade; J. S. Brown and J. A. Schmitz of the Chicago Board of Trade; Henry T. Clark of the Omaha Grain Exchange; H. A. Foss, chief weighmaster of the Chicago Board of Trade, also was called to testify.

Mr. Dower showed that cars leaking in transit were not reported to the shippers.

If it is true as alleged by the grain shippers, and as proved in an elaborate brief by E. P. Smith, attorney of the Omaha Grain Exchange, that the Commission has no jurisdiction to approve tariffs allowing deduction for natural shrinkage, these hearings are a waste of time, and the shippers are justified in not presenting their side of the question with more force.

The Commission itself in a decision given as recently as June 6, 1917, seems to take this view holding:

Our jurisdiction over claims for reparation does not extend to claims arising from loss or damage to shipments in transit, such claims being cognizable only in the courts. The complaint herein must therefore be dismissed, and an order will be entered accordingly.

This was the decision in the case of H. L. Buss Co., of Boston, who made a claim against the New York Central for 133 bushels of corn lost out of a carload in transit.

Thus the Commission seeks to retain jurisdiction over claims for loss in transit to permit the carriers to dock the

shipper, but disclaims jurisdiction when it would benefit the shipper.

Sept. 18 the hearing will be resumed at Chicago, announced the Examiner at the close.

## Coming Conventions.

July 31—Michigan Hay & Grain Dealers Ass'n at Saginaw Mich.

Sept. 24, 26.—Grain Dealers National Ass'n at Buffalo, N. Y.

SOME COMPLAINTS made against the present war bread in England are that it is rough on the tongue, that it does not appear to be digestible, that it often tastes musty, and that it soon becomes stale and even moldy.

THE INDIAN wheat acreage on June 1 was estimated to be 33,040,000 acres, compared with 30,143,000 acres the same date last year, an increase of about 10%. Estimated yield, 10,160,000 tons, as against 8,518,000 tons reported at the same time last year, a gain of practically 19%. The figures covering both area and yield are the highest on record.

## New Grain Firm at Denver.

T. D. Phelps, who organized the Farmers Grain Co. at Denver 3 years ago, and who has been its president during that time, has engaged in business under the firm name of The Phelps Grain Co., with offices in the Cooper Building.

Mr. Phelps started in the grain business at Kansas City, Mo., in 1890, and was connected with the Hall-Baker Grain Co. for 14 years. He has been in Denver for the past 10 years and is well and favorably known to the dealers of that section. A photograph of Mr. Phelps is reproduced herewith. The new firm will do a general grain and bean business.



T. D. Phelps, Denver, Colo.



## Defective Gasoline Tank Installations.

BY COL. SAFETY FIRST.

This is an example of careful sensible installation of a gasoline feed tank. The Farmers Elevator Co., Osceola, Nebr., is to be commended in following out the plan as reproduced in Fig. 1. The feed tank sets in a well built concrete pit. The gasoline pipes have been enclosed in a six-inch well casing to prevent injury to them. Usually when pipes are run above the ground they become bent or even broken, resulting in the gasoline leaking on the ground. With this well casing as a protection there is no need for worry from this score. It costs a little extra to install this casing, but the protection to the elevator from fire is not to be looked at from the standpoint of a few dollars' cost. A slipshod job is a costly job, no matter what the price. Compare this installation with the pipes running along the ground in the other pictures.

WHERE PRACTICAL, the gasoline feed pipes should be buried in the ground. This will make them doubly safe from

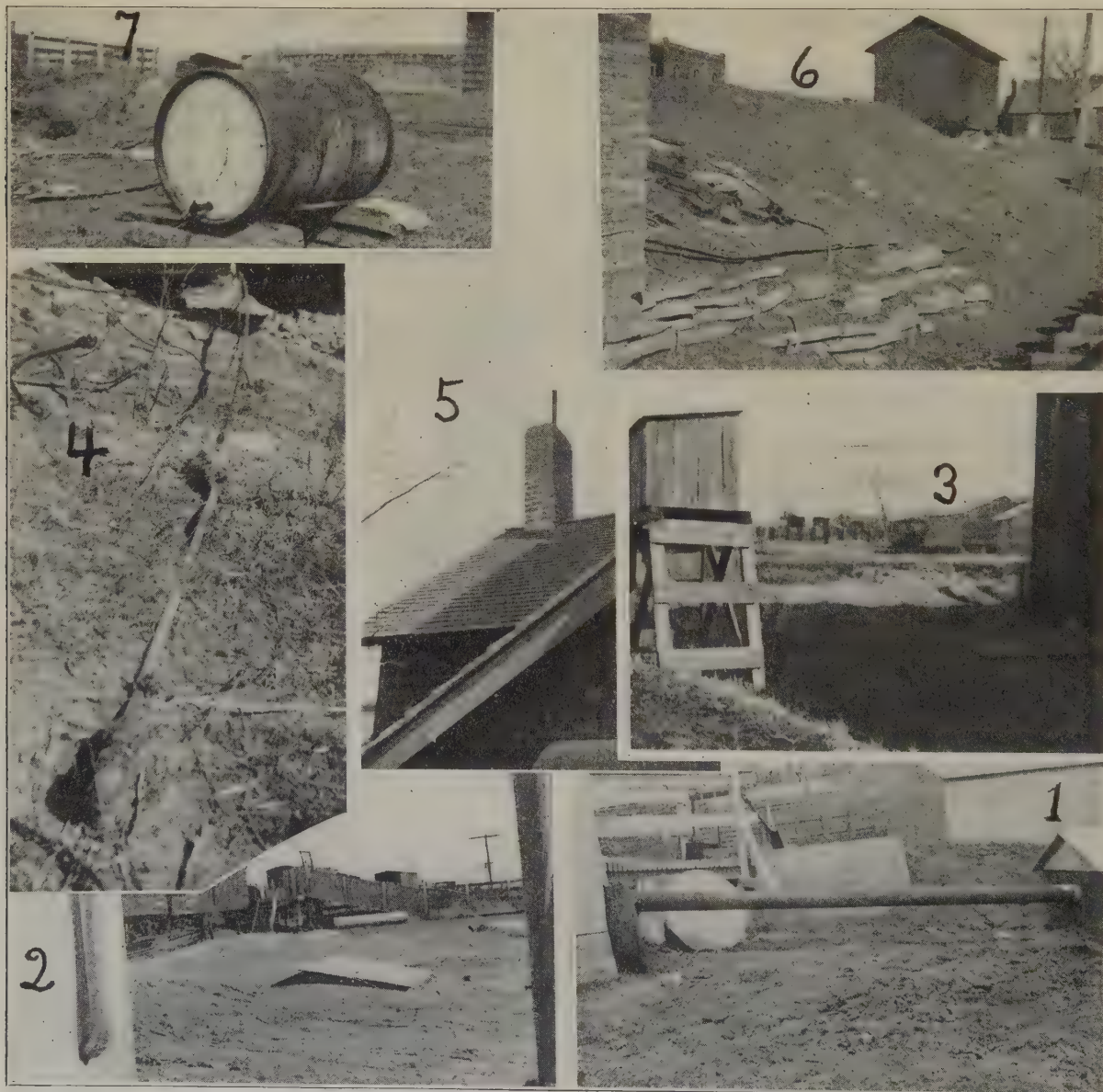
being kicked loose by people stumbling over them or being damaged in other ways. Fotograf 2 was taken in Nebraska. It shows a standard installation of a feed tank. The tank sets twenty feet from the buildings, and underground. The pipes are out of the way and take up no space. Wagons drive over where they are buried. Fifteen feet detached and buried meets the insurance companies' requirements, but this company has made it twenty. It requires no more work or pains to put the feed tank in properly, yet it is painfully true that countless elevators throughout the land have defective feed tanks. If your feed tank is not installed properly, put it in according to the standards of construction shown here.

TO CORRECT AN EVIL and do it properly one must remove the cause. In this case the evil is caused by the gasoline engine being located on the floor of the power house, which is elevated high from the ground. No modern elevator builder would even so much as think of building a power house, allowing the engine to set anywhere but on a solid base as close to the ground as possible. But here is an instance where safe rules of

construction were not followed out. Can you imagine how you would like to fill this feed tank when it "went dry?"

It is a very inconvenient installation, and inconvenience is a breeder of fire dangers. Had the engine been set close to the ground, the feed tank could have been buried and then filling the tank when necessary would be easy. But this is just one of the cases of poor construction which meets the eye in passing over the country. The sorrowful part of the conditions are that these slipshod installations continue to spread simply because elevator owners allow inexperienced men to do their work. You may rest assured that none of the well qualified builders ever botch things in this manner. This elevator is located at Hickman, Nebr. The present owners purchased it from a previous owner.

THE FUNCTION of an overflow pipe in connection with a gasoline engine is to allow any surplus gasoline which is not consumed to return from the engine back to the feed tank. To allow proper drainage it is therefore necessary that the pipes slant from the engine towards the tank so that the return may be by grav-



1. Good Installation. 2. Safely Buried. 3. Tank Inconveniently High. 4. Pipes Badly Bent. 5. Exhaust in Chimney Hazard. 6. Dangerous Exposure of Piping. 7. Tank Exposed to Theft.



ity. When the pipes become as badly bent as the ones in Fig. 4 it becomes difficult for the proper drainage to take place and the eventual result is a leaky pipe. These pipes are at Lewiston, Nebr., Derby Grain Co.'s, West elevator. By all means these pipes should be either buried or housed to prevent people walking over them and bending them.

THE NATURAL VIBRATION of a power house due to the running of an engine is sufficient to weaken a brick chimney. The constant shaking, though possibly of no large degree, has a weakening effect and in time the mortar falls out, exposing the wood to the flames and sparks passing through. Regardless of the fact that the usual vibration of the engine works towards the creation of a defective chimney, the Railsback Grain Co., at Ithaca, Nebr., has run the exhaust pipe from its engine up through the chimney (Fig. 5). How long do you think a chimney will stand the strain of the rattling of an exhaust pipe in its interior before it becomes a dangerous fire hazard? It is bad enough to have the engine's vibration to contend with without making matters extra-hazardous by such construction. Fires are too numerous in grain elevators from defective chimneys. We are showing you the other fellow's faults so that you may profit thereby in the correction of your own. The owner of this plant can at little expense remove a fire hazard which may some day prove a serious and a costly one. The exhaust pipe should make its exit thru the wall with at least a six-inch clearance from wood.

IN THEIR ZEAL to make their gasoline feed tank safe, O. L. Brown, Estate, Chester, Nebr., has overdone the performance. An over-cooked pot of beans is as disagreeable to the palate as an undercooked mess. The tank sets about fifty feet away from the elevator, but the pipes are laid on the ground and due to people walking up the embankment shown in the photo they are frightfully bent and crooked. See Fig. 6. It is almost impossible for the overflow gasoline to drain back to the tank and under the conditions the installation is a very dangerous one. Then, too, the feed tank sets above the ground. It should be buried, as the drainage is defective inasmuch as the return pipe cannot properly discharge the overflow. Just a little bit of labor would eliminate this danger.

WITH AN AUTOMOBILE on almost every farm in the community it isn't overly safe as a business proposition to allow a good supply of gasoline to set around unprotected where anyone happening along might "swipe" it. This isn't to be considered an insinuation cast upon the morals of the farmers, but in this age when it has been known for thieves to jack up an auto and steal the very tires from under it, one cannot be too sure of his gasoline when exposed as this barrel is. Photo 7 was taken at Armour, Nebr., at the Dobbs Grain Co., elevator one Saturday when the house was locked for the day.

To start with, every elevator should have a metal clad house built at least fifty feet from the building for the supply of gasoline. A shorter distance increases your insurance rate about \$1 per \$1,000 per year. This house should be kept padlocked at all times when not in use. The barrel in the picture has a special attachment thereon so that it could be locked. It is a widely advertised statement that

gasoline should be kept out of children's hands. Yet here is a specific case where a boy might easily help himself to a supply for his bonfire.

It doesn't take a long stretch of the imagination to see the bony skeleton of death sitting astride this barrel beckoning for the inquisitive youth to come over and meddle with the dangerous contents. Should a disaster happen to some youngster due to his meddling about this barrel, under the existing conditions the jury would no doubt render a verdict of "Guilty of not using ordinary precautions towards the safeguarding of life." Are you this careless in the handling of gasoline?

## Winter Wheat Futures at Minneapolis.

The Minneapolis Chamber of Commerce on July 20 adopted amendments to its rules providing for trading in winter wheat for future delivery; and for the delivery of lower grades of oats on contract at a discount. The rule as amended follows:

Section 1. On all sales of grain and flaxseed for future delivery, the contract grade shall be, No. 2 red spring wheat, on the spring wheat future, No. 2 hard winter wheat, on the winter wheat future, No. 3 mixed corn, standard white oats, No. 2 rye and No. 1 flaxseed, as established by the Joint Board of Grain Appeals, or other properly constituted authority of the State of Minnesota.

Provided, that on all sales of spring wheat, for future delivery, the following grades may be delivered: No. 1 dark northern spring, No. 1 northern spring, No. 1 red spring, No. 2 dark northern spring and No. 2 northern spring wheat.

And provided further, that on all sales of spring wheat for future delivery, No. 3 dark northern spring, No. 3 northern spring and No. 3 red spring wheat may be applied at a discount of 5 cents per bushel below the price of No. 2 red spring wheat.

And provided further, that on all sales of winter wheat for future delivery, the following grades may be applied: No. 1 dark hard winter, No. 1 hard winter, No. 1 yellow hard winter and No. 2 dark hard winter wheat.

And provided further, that on all sales of winter wheat for future delivery, the following grades may be applied at a discount of 5 cents per bushel below the price of No. 2 hard winter wheat: No. 2 yellow hard winter, No. 3 dark hard winter and No. 3 hard winter wheat.

Unless otherwise specified, all offers to buy or sell wheat for future delivery shall be understood to refer to the spring wheat future.

And provided further, that on all sales of corn for future delivery, the following grades may be delivered: No. 1 white, No. 1 yellow, No. 1 mixed, No. 2 white, No. 2 yellow, No. 2 mixed, No. 3 white and No. 3 yellow corn.

And provided further, that on all sales of oats for future delivery, the following grades of oats may be applied: No. 1 white oats and No. 2 white oats; and provided further, that on all sales of oats, No. 3 white oats may be delivered at a discount of 1½ cents per bushel under the price of standard white oats.

This rule shall be in force and effect on and after August 1, 1917, except that it shall not apply to any contracts entered into for purchase or sale of grain or seed prior to August 1, 1917.

All said contracts made prior to Aug. 1, 1917, shall, for purposes of identification, be termed "old," to distinguish them from contracts entered into for the same future month's delivery after this new rule takes effect, which contracts shall be termed "new."

## A Better Scale Platform.

Of late years scale manufacturers have been doing their best to get away from wood in the construction of wagon scales, but so far nothing has been found to take the place of lumber for the platform itself, nor for the stringers which support the platform. And, because wood will decay, it becomes advisable to adopt some measures for protecting that which may be used in the scale, so far as it is possible to do so.

The stringers should be of three or four-inch lumber, and they should be five in number, one in the center of the platform, one near each edge of the platform, and one between each outside stringer and the center one. The floor boards will then be well supported, and there will be a bearing almost directly under the track of passing wagons. After the stringers are in place it is well to apply one or two coats of good paint to their top edges. It won't hurt to paint them all over. Then, before the floor is laid, cut strips of galvanized sheet iron about two inches wider than the top of each stringer and long enough to completely cover that member. Lay the iron flat on the stringer, bending the projecting portions down at each side. Now lay the floor boards in the usual manner.

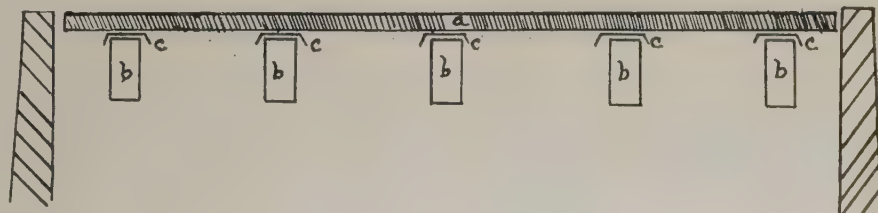
The sketch which is reproduced herewith will illustrate the idea. It represents a cross section thru the scale platform.

There is no reason why nails larger than 20d should be used in laying the floor. These will hold the boards firmly, they are not going to make a determined effort to rise toward the sky; but some day it will be necessary to take up the floor, and if large nails have been used the job will be much more difficult.

HUNGARIAN crops will be seized by the government as soon as harvesting and threshing is completed. Farmers will be permitted to retain only sufficient of the crops for their private use and for seed.

A REPORT on the bag situation issued by E. T. B. Mills estimates that 53,500,000 bags will be required for the crops of Arizona, California, Nevada, Idaho, Oregon, Utah and Washington. Against these requirements it is estimated that 42,000,000 bags will be available, leaving a shortage of 11,500,000 bags.

W. J. HANNA, the Canadian food controller, said in an address before the Canadian club at Montreal July 18, that the total requirements of the allies in wheat are 1,105,000,000 bus. The production of Europe was 645,000,000 bus, leaving 450,000,000 to be exported from North America. It is estimated that the United States and Canada will have 300,000,000 bus. to export, so that 150,000,000 bus. will have to be made up by reduction in the estimated consumption. He gave the answer to the problem by saying that if each consumer will reduce his consumption of wheat, beef and bacon by one-third the increased quantity will be available.



Cross Section thru Scale Platform.



**Chokes.**

BY CAL.

Do not let your faith in any extinguisher cause the removal of buckets, barrels and brine, as the barrels and buckets give the best protection if the supply of water is renewed frequently enuf to offset the evaporation.

The vines and shrubs which were planted in the spring will suffer much from the heat these days. Lest they be overcome in the struggle some one should be detailed to water them each evening while waiting for that last load which the farmer said he knows to be on the way.

Oil in a barrel won't lubricate the bearings, neither does that which drips to the floor achieve the end for which it was refined. Try doing the oiling in a systematic manner, using a little at regular periods, and thereby reduce the power needed and the fire hazard.

Now is the time for all good men to make preparations for applying a protective coating of paint to those exposed surfaces which are beginning to suffer because of its lack. Make the plans and buy the paint now, in order that it may be on hand for use when a slack day comes.

Now that the crop movement is on in full swing, the elevator will be run quite steadily, and continuous operation on hot days means that bearings will require more careful attention to prevent overheating. Make the daily inspection more thoro, and for safety's sake adopt the practice of making several extra inspection trips each day.

There is no reason why a miscellaneous assortment of buckets, ropes, nail kegs, worn out brooms, bolts, pieces of belting and other odds and ends should be allowed to accumulate in the driveway. It may not be that the customers will care about the appearance of things, but it will be so much better for the elevator man's peace of mind if the driveway is kept clean and free of rubbish.

It would be interesting, tho painful, to know the number of hours which have been lost in trying to move cars with an ordinary crowbar or with a mover whose spurs had grown dull. Just another instance of letting things go until need for their use is upon us, and everyone knows that the roof can't well be repaired while it is raining. Better fix the old mover or order a new one before breaking your back in trying to push the last car loaded out of the way.

In order that the record of car orders may be more complete, follow the practice of numbering the orders consecutively, and of noting car number, initial and date for each car furnished upon the orders. If it is ever needed to support the claim that sufficient cars are not being furnished, the trouble occasioned in keeping the data will be well repaid. A record is worth the most when it is complete in every detail.

If dust is allowed to collect on the top of the scale beam it fills up the notches which regulate the positions of the balance with respect to the printed figures. The result is that while the reading is a certain number of pounds, the balance does not actually occupy the exact posi-

tion called for by the figures, and there is some variation from the true weight. The remedy is to provide a small brush and to use it daily in cleaning the dust from the notches.

The safe plan is to resolve never to carry grain on hand without insurance sufficient to cover it. Keep such records as will make it possible at all times to know the real value of the stock on hand; order the binder by telegraph as soon as the grain is in the house; don't leave the office at night with grain uninsured; then don't let a fire occur from any preventable cause. Happiness will be more than a mere word and the boys in the trenches won't go hungry.

In many railroad yards cars are handled over a point known as a "hump," the purpose of which is to make possible the use of gravity in sending the cars to the track where they are wanted. An engine pushes a string of cars onto the "hump," where they are cut off and allowed to run downhill, being switched onto various tracks while they are moving. The track is inclined considerably at the "hump," and if a car loaded with bulk grain bumps into other cars while it is tilted the grain promptly shifts to the low end and runs over grain doors unless they are of sufficient height to retain it safely. In cooping cars the possibility of this occurrence should be kept in mind and the doors should be erected higher than would be necessary if the car were always to be on level track. This applies especially to end openings in cars.

The most helpful method for determining the acreage devoted to each grain is to make a diagram of the territory tributary to the station, drawing it after the style of the familiar township map and making each 160-acre farm about 1 in. square. The name of the owner or tenant may be written in each square and when knowledge is received as to the number of acres planted to each grain the information should be noted in the proper square. If there be any abandonment it should be recorded and then it requires but a few moments' work to arrive at a very close estimate of the acreage in the territory. The plan may also be extended to include information as to the quantity of grain remaining in the farmers' hands. A card index system may be used instead of the diagram, a card being provided for each quarter section or other subdivision. To keep this record under either plan will require some work, but it can be done at odd times and if the record is complete, or nearly so, the information will be of great value.

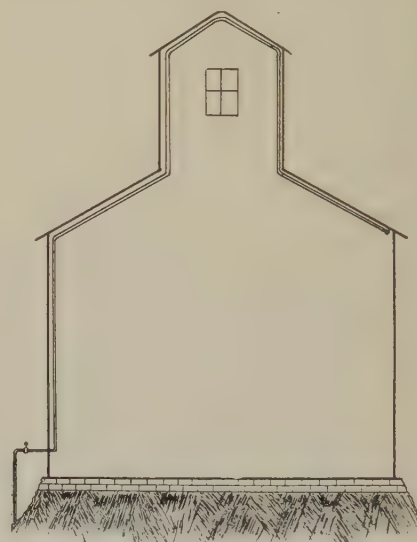
WHEAT ACREAGE in Scotland was estimated on June 14 to be 4,500 acres less than last year, while a substantial addition has been made to the acreage under oats, amounting probably to 50,000 acres. It is estimated that about 10,000 acres of grass land will be broken up in Leicestershire.

A MACHINE invented by George Pearson of Conrad, Mont., treats flax straw that has been threshed in an ordinary manner, making of it a tow which finds a ready market with furniture and automobile manufacturers at a good price. The machine also reclaims much seed from the straw, cleaning and sacking the seed and baling the tow at one operation. It is portable, and one plant is already in operation at Conrad.

**Reducing the Fire Hazard.**

The iron clad elevator owned by John T. Milbanks, Chillicothe, Mo., is not attached to the mill, but the exposure is such that a fire originating in the mill or warehouse would be quite certain to communicate to the elevator unless fortunate circumstances and heroic efforts prevented.

To help to bring about such fortunate circumstances, Mr. Milbanks has had 1-inch galvanized iron pipe placed upon that side of the elevator which faces the mill, in the manner shown in the accompanying sketch. The pipe is pierced at frequent intervals with small holes and by turning a valve water can be admitted into the pipe. When this is done water spouts from each of these holes onto the



End View of Piping for Water Curtain.

wall of the building, thus cooling it with a spray which is being constantly renewed.

Should a fire start in the mill the first duty of the employees will be to open the valve which connects with the elevator pipe. This would probably not save the elevator unless other efforts were made, but it will assist until the fire department can arrive. Other plants with similar exposures might well follow this lead.

In making up this device it should be kept in mind that the holes in the pipe must be small, that there must be a great number of them, and in putting up the pipe the holes should be located so as to discharge against the building and not into the air.

SACKS to handle the Argentine grain crops will be short this year, and the supplies of binder twine on the market are also reported low. The government has been carrying on a propaganda for the planting of large areas this season, and steps for seed distribution have been taken.

CONDITION of French crops on June 1 as shown by official figures issued by the Minister of Agriculture was as follows: Corn acreage 737,903, average condition 74, as compared to 812,123 acres and condition of 73 on same date last year; flax 16,020 acres, condition 70 and June 1, 1916, acreage of 13,195 and condition 71; hemp, 19,425 acres, average condition 68, one year ago, 20,037 acres and condition of 78. In the report on condition 100 indicates very good; 80, good; 60 fairly good.



## Feedstuffs

**MUSKOGEE, OKLA.**—The Davidson Milling & Elevator Co. will double the capacity of its alfalfa meal mill.

**MADISON, NEB.**—An alfalfa mill will be installed here by the Great Western Alfalfa Milling Co. of Denver, Col.

**COUNCIL GROVE, KAN.**—An alfalfa meal mill costing \$25,000 is to be erected here by J. P. Smith of Manhattan and others.

**THE GRAIN BELT MILLS CO., St. Joseph, Mo.,** has registered a belt and buckle as a trade-mark for mixed feeds, No. 102,-787.

**AURORA, NEB.**—An alfalfa meal mill costing \$15,000 will be erected here by the Great Western Alfalfa Milling Co., of Denver, Colo.

**MEADE, COLO.**—The Great Western Alfalfa Milling Co., of Denver, has purchased the alfalfa mill of the Golden Grain & Milling Co. here and will enlarge and improve it.

**NORTH KANSAS CITY, Mo.**—Work on the plant of the Triangle Milling Co. is progressing rapidly. The warehouse will have a capacity of approximately 350 cars. Two large alfalfa grinders will be installed.

**BATON ROUGE, LA.**—A meeting was held here recently to get legislation to prohibit the adulteration of stock feed with rice hulls. Alex Brown, Chas. Lyman and Chas. Matthews of Crowley were among those present.

**KANSAS CITY, Mo.**—The Jennings-Madden Feed Co. has been incorporated to manufacture and deal in all kinds of stock feeds. The capital stock is \$5,000; and the incorporators are R. A. Madden, L. G. Russell and J. W. Farrar.

**CORDELE, GA.**—J. R. Kelly is erecting a feed mill; and nearby in this county a large feed mill is to be erected at Arabi by M. D. Mikel and others, and at Raines sta., Cordele p. o., County Commissioner Sam Byrd and others will erect a feed mill.

**RAPID CITY, S. D.**—Work has begun on the first annual alfalfa palace to be used for exhibition purposes Sept. 17 to 22. The com'ite has \$5,000 worth of attractions engaged for the week. The palace will be decorated with green alfalfa on the outside.

**COLUMBIA, Mo.**—Attorney General Frank W. McAllister has issued an opinion on the new feed law permitting the choice of printed tag or printed label on bag or package, and requiring the naming of each specific ingredient by common name, stating kind of screenings and definite name of each sort of seed or grain used in the mixture.

**DENVER, COLO.**—The Great Western Alfalfa Milling Co., with headquarters at Denver, has new alfalfa mills at the following points: Brighton, Colo., 40 tons per day; Gilcrest, Colo., 40 tons per day; La Salle, Colo., 30 tons per day; Severance, Colo., 100 tons per day; Ault, Colo., 50 tons per day; Wellington, Colo., 50 tons per day; Meade, Colo., 40 tons per day; Galeton, Colo., 30 tons per day; Odessa, Neb., 50 tons per day and Kearney, Neb., 100 tons per day, and will build two more mills in western Nebraska of 100 tons daily capacity. All plants will be equipped with Roberts Ball Bearing Alfalfa Grinders.

## Eastern Feed Merchants Organize.

The Eastern Federation of Feed Merchants was organized June 21 and 22 at Albany, N. Y., by the feed dealers of New York and New Jersey.

Resolutions were adopted pledging the feedingstuffs industry of the east to co-operate effectively with the government in its program of food and feed conservation; and with the dairymen to aid them to obtain an equitable price for their products.

The officers are: Pres., George H. Strong, of Warwick, N. Y.; vice-pres., H. O. Hale, Norwich, N. Y.; treas., Frank T. Benjamin, Canastota, N. Y.; directors, Henry R. Wilber, Jamestown, N. Y.; W. C. Richards, Parish, N. Y.; Stanley E. Pettit, Huntington, N. Y.; Reeve Harden, Hamburg, N. J.; E. A. Dorland, Sandy Creek, N. Y., and E. C. Holmes, DeRuyter, N. Y.

## Sweet Feed Manufacturers to Meet

The first annual meeting of the Sweet Feed Manufacturers Ass'n will be held at the Chisca Hotel, Memphis, Tenn., Aug. 8 and 9.

Wednesday morning at 10 a. m. W. C. Johnson, pres. of the Memphis Chamber of Commerce, will deliver an address of welcome, followed by the president's address by Will A. Hall, and an address on "Standardization of Sweet Feeds" by Edward R. Barrow, B. S.

Wednesday afternoon at 2 p. m. the program will be:

"Uniform Sales Contracts," by R. M. McClelland, Nashville, Tenn.

"Publicity as a Means of Increasing Sweet Feed Sales," by J. B. Edgar, Memphis, Tenn.

"State Tax on Sweet Feeds," G. F. Williams, Little Rock, Ark.

"Selling Costs," by H. E. Halliday, Cairo, Ill.

At 5 p. m. the guests will take an auto trip around Memphis, stopping at the Country Club for banquet and winding up with cabaret and dance at roof garden.

Thursday, 9:30 a. m., the program will be:

"Sweet Feed," by John C. Reid, St. Louis, Mo.

"Alfalfa and Feed Stuffs," by J. W. Anderson, Kansas City, Mo.

"Molasses from Tank to Feed Trough," by J. T. Morgan, Memphis, Tenn.

"Manufacturing Costs," by E. Wilkinson, Birmingham, Ala.

Election of Officers.

Election of Executive Com'ite.

Thursday, 2 p. m., Executive Session.

New and unfinished business.

Adjournment.

I COULD NOT do business without the Grain Dealers Journal.—P. J. Wolfram, of Wolfram Grain Co., Brownsburg, Ind.

RECENT EXPERIMENTS and observation in pellagra are reported in U. S. Public Health Service Bulletin No. 106. Attempts to transmit pellagra to monkeys by inoculation resulted in only one case out of 94 which even suggested pellagra, but by feeding dogs upon a diet consisting of boiled dried peas, cracker meal and cottonseed oil or lard a diseased condition closely resembling human pellagra was produced, while the addition of meat to the diet caused these symptoms to disappear. The conclusion is drawn that the disease is not infectious but is due to a deficiency of some essential dietary constituent.

## Observations.

BY TRAVELER.

STEALING is not a new thing to most grain dealers, that is, it is not new to the dealer to have things stolen from him, but I have recently called upon a dealer who told me that a few days previous to my visit some boys had purloined his tester beam from the elevator and sold it to a local junk dealer for 25c. The grain man readily located the stolen property and, out of the goodness of his heart, he paid the junk man the 25c to get it. There is nothing unusual about this, of course, but it would seem that a man with enough business ability to handle junk would also have sense enough to know that a boy of ten or twelve, offering a tester beam for sale, must have come by it dishonestly; and nobody but a grain dealer would be sufficiently considerate of another's feelings to dig up the money and keep still about it.

DIRT: After having traveled for almost two months among the elevators of the Southwest one impression stands out most prominently above all others. That impression is one of dirt—dirt which is costing the grain dealers of the country many dollars each year. The writer realizes as well as any one else that an elevator is not a cleanly place, at best, but I am also fully aware that many elevators are so extremely dirty only because the men who happen to be in charge are willing that they shall remain dirty.

If this dirt were ordinary soil it would be bad enough, but that is not the case; it is "grain dust" and with it is mixed chaff and other similar materials, including some actual grain. Therein lies the reason for the cost in dollars and cents. Beside the loss of the grain itself, it is in this dust that weevil and other insects are hatched. Heat which may be generated within the mass of trash finds sufficient aid rendered by the chaff and straw to enable it to become a fire via the route of "spontaneous combustion."

Every grain dealer pays part of the insect and fire losses in elevators, and, therefore, dirt costs each grain dealer real money. Each can do his part toward eliminating the cost by cleaning up his own plant and then keeping it clean.

THE GREEN BUG furnishes the subject matter for Circular No. 13 of the Texas Experiment Station. Its nature and control are given exhaustive treatment.

THE WHEAT EXPORT Co., allied buyer, which had its offices scattered over the Produce Exchange, has now taken an entire building in New York for offices.

IMPROVEMENT NEWS sent to your favorite trade journal helps to get more advertising, and provides it with more funds with which to promote the interests of your business.

ADVANCE INFORMATION has been received to the effect that each dealer who attends the G. D. N. A. convention at Buffalo in September will receive a souvenir stick pin in which is mounted a "Georgia Diamond." The pins are to be distributed by the Dan Joseph Co. of Columbus, Ga., and the "diamond" itself is the familiar velvet bean, which has in recent years become an important product in Georgia.

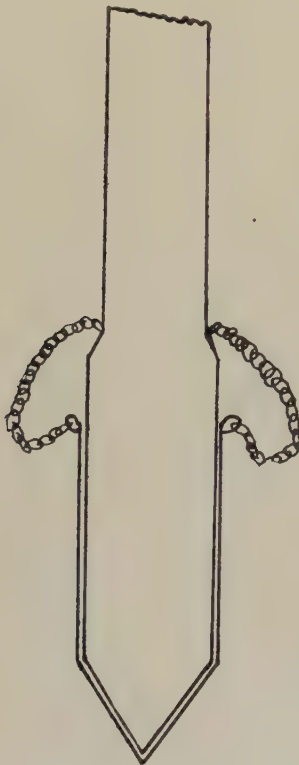
**DUEFALO**  
**LET ME OFF AT**  
**DUITALO**

September 24, 25, 26, 1917



### A Deep Bin Trier.

When John D. Nagel of Bushnell, Ill., was once confronted with the necessity for knowing the condition of grain down in the lower parts of a large bin which was filled to the top, he summoned his wits to the task and devised an instrument to secure samples of the grain at any desired depth. As shown in the engraving which is reproduced herewith, it consists of a cylindrical metal bucket,  $2\frac{1}{2}$  to 3 inches in diameter, having its bottom shaped like an inverted cone; a pole whose lower end is shaped to fit snugly, but not too tightly into the bucket; and chains fastened to both poles and bucket in such a manner as to permit the withdrawal of the pole from the bucket. The pole itself may be of any desired length.



A Deep Bin Trier.

In operation the bucket is placed in the grain at the top of the bin and by means of pressure applied to the pole bucket is forced down into the grain as far as may be necessary. The bucket being closed, no grain can come into it until the pole is withdrawn. The bucket will remain stationary until the full length of the chains has been reached, and then it, too, will be pulled upward and its contents may be examined to ascertain the condition of the grain in the bin.

The device can be made by any tinsmith and almost every elevator man will find it useful if he stores grain for any length of time.

A FLAX MANUFACTURING plant will be established by J. Sidney Starling of North Tonawanda, N. Y., at Portland, Ore., to be ready for use about Oct. 1. A reduction plant will be erected at Salem, Ore., later.

"Dried Bean Production in Illinois" is the subject of an 8-page leaflet by C. E. Durst giving information on the types and varieties, harvesting, threshing, cleaning and yields, in Circular No. 201 of the Agricultural Experiment Station, Urbana, Ill.

### War Affecting the Grain Trade.

BARON RHONDDA, the British food controller, by an order issued July 14, took over the 1917 crops of wheat, barley, oats, rye and potatoes.

THE TRADING with the enemy act passed by the House July 11 provides for the use in the United States of German-owned patents.

C. A. RICHARDS of New York has been selected by President Wilson to head the license division of the embargo board, the appointment being announced July 6.

EDWARD CHAMBERS, vice pres. of the Santa Fe, has been named by Herbert C. Hoover, to have charge of the transportation of food during the period of the war.

FOOD RATIONS for the week of June 18 for the population of Berlin were fixed as follows: Bread, 3 lbs. 10 oz.; meat, 1 lb. 2 oz.; potatoes, 2 lbs. 4 ozs.; butter,  $1\frac{4}{5}$  oz.; margarine, 1 oz.

SWEDEN having consented to prohibit the exportation of all kinds of fish, Great Britain has given letters of assurance permitting the exportation of two cargoes of lubricants to Sweden.

THE DEPARTMENT of food control in England is reported to be in chaotic condition following Baron Devonport's resignation and the refusal of Captain Bathurst, his sec'y, to serve, on the plea of ill health.

FRENCH military authorities state that a total of 260,000 men have been placed at the disposal of agriculture by granting as much leave as possible to soldiers, using prisoners, and mobilizing old men behind the lines.

THE SWEDISH government has expropriated growing crops of all cereals, legumes and sugar beets, and all stocks which may be on hand Sept. 1 from the 1916 crops, with the exception of limited quantities in private households.

MARINE INSURANCE rates continue strong at 8 to 10 per cent for United Kingdom, 9 to 11 per cent Havre, 5 per cent Bordeaux and 14 to 20 per cent points on the Mediterranean. Coastwise rates  $\frac{1}{2}$  to  $\frac{3}{4}$  of 1 per cent a trip.

THE WHEAT EXPORT Co. is said to be buying flour instead of wheat, having contracted recently with a Kansas City mill for 45,000 bags of flour. Texas mills also have made sales of flour to be exported to England by way of New York.

THE FRENCH CABINET on July 14 approved a decree raising the price of wheat to 50 francs a quintal (100 kilograms). The increase will cause a raise in the price of bread, but the decree limits the increase to 5 centimes a kilogram.

ELEVEN neutral steamers, loaded with grain and other cargo which could not be exported after Pres. Wilson's embargo became effective, cleared July 13 from an Atlantic port without British letters of assurance. U. S. warships watched the proceedings, but did not interfere.

THE EXECUTIVE com'te of the Canadian Board of Grain Supervisors recently went to Washington, D. C., for a conference with the Food Administrator and others. The Canadian com'te is composed of Dr. Rob't Magill, J. C. Gage, pres. Winnipeg Grain Exchange, and Jas. Stewart, British buyer.

SWITZERLAND may be forced to import corn meal because of the embargo on exportation of wheat to neutrals from the United States. Traditional prejudice has operated against the importation of corn meal hitherto, as well as the prac-

tice of the Swiss people of purchasing bread only from public bakeries.

THIRTY CLERKS and accountants in charge of G. M. Robertson, having an appropriation of \$250,000 for expenses, arrived with Federal Trade Commissioner Joseph E. Davies at Chicago July 16 to begin an inquiry into food "profiteering" ordered by President Wilson. Commissioner Fort will specialize in storage and Commissioner Colver in grain and flour.

BRITISH OATS AND MAIZE prices have been fixed as follows: Maize flour, maize flakes, maize seminola, hominy, cerealine, or maize meal, at a price not exceeding  $3\frac{1}{2}$ d. per lb.; oatmeal, rolled oats, flaked oats, or other like products of oats are to be sold at a price not exceeding 5d. per lb. This means a reduction of  $\frac{1}{2}$ d. on the prices ruling a few weeks ago.

THE CORN production bill, which proposes to increase the acreage planted to cereal crops in the United Kingdom by inducing farmers to plow up grass lands, is delayed because of opposition to the provision which would make the minimum wage to farm laborers 25 shillings per week. An amendment has been introduced to place this minimum at 30 shillings, but this does not have the support of the government.

AN OFFICIAL statement has been issued by the British Food Controller to the effect that a cost department has been organized in the Ministry of Food. Highly skilled accountants will have full powers to examine books and obtain all particulars which may assist in arriving at accurate figures as to costs. The object will be to fix prices by reference to actual costs with the addition of the normal pre-war rate of profit.

WHAT EXPORT LICENSING as contemplated under the President's embargo order means may be seen when it is considered that in England the war trade department has a force of 450 clerks issuing export licenses alone. Government employes are swarming everywhere in London. Hotels have been taken for offices until accommodation for guests has been brot to a minimum, and some clubs have been taken for offices.

IN RUSSIA the peasants are refusing to sell their corn because the money which they receive in return is so cheap. In laying emphasis on this fact the Minister of Supply, M. Peshekhonoff, pointed out the impossibility of a forced seizure of corn from many millions of peasants, and said that in many places it is being hidden from local com'tes, often in such a way that the corn itself deteriorates and eventually becomes useless.

WHILE a government campaign is being carried on for the saving of food supplies, shiploads of wheat are rotting at the wharves. Neutral nations, it is said, have suffered in this way, owing to inability to secure permission for the passage of the ships thru the allied blockade. Neutral governments are preparing to protest to the U. S., quoting arguments used by the latter when we denounced Great Britain's policy of interference with shipping.

WHEAT PRICES in Great Britain have been revised by the Royal Com'ison on Wheat Supplies, as follows: No. 1 N. Manitoba, 83s.; No. 2 N. Manitoba, 81s. 6d.; No. 3 N. Manitoba, 79s.; No. 4 Manitoba, commercial grade, 76s.; No. 4 Manitoba, special commercial grade, 72s.; No. 5 Manitoba, commercial grade, 72s.; No. 5 Manitoba, special commercial



grade, 71s.; No. 6 Manitoba, commercial grade, 68s., and No. 6 Manitoba, special commercial grade, 67s. per quarter.

A BILLION dollar grain corporation is said to be under consideration by Pres. Wilson and Herbert C. Hoover to buy the United States wheat crop. Mr. Hoover said: "We certainly will not stand for speculative buying of wheat." This means that the hazard of the rise and fall of market prices, hitherto borne by investors, will be assumed by the government. That is, the government will become the speculator. This provision of this large sum would indicate that the food controller will dispense also with the services of the bankers, who have done a large business every year in loaning money on warehouse certificates and discounting grain drafts with B/L attached.

THE AUSTRALIAN prime minister stated on May 25 that one of the most important matters discussed that day by the premier's conference was the erection of storage accommodations for handling wheat. He stated that at the end of January, 1918, there would probably be about 6,000,000 tons of wheat in the country over the amount required for local consumption. The conference appointed a wheat storage commission to formulate a scheme for the erection of silos suited to the present and future requirements. The problem of storing Australia's wheat is being constantly discussed. The British government has bought 112,000,000 bus., one of the conditions being that if it is not delivered by Dec. 31, 1917, the British Wheat Commission will pay the additional storage charges for storing it in Australia. The greater part of the wheat has not been shipped, and as the next harvest will begin to come in by the end of the year, the storage situation is acute.—Commercial Attache Philip B. Kennedy, Melbourne.

## Government Wheat Prices.

The allied wheat buying commission recently furnished a report to Herbert C. Hoover on its operations, showing that wheat bought in the United States and costing the British Government more than \$2.50 per bushel laid down in Liverpool, was being sold by the government to English millers at \$1.80 per bushel, the government accepting this loss to keep down the cost of bread.

This wheat has cost the British government more than \$2 per bushel in America.

It remains to be seen whether the Hoover food control will pay the United States farmer \$2 for wheat and re-sell to millers at \$1.80, in order to keep down the price of bread at the expense of the taxpayer.

In Italy the official price of wheat is \$1.94 for hard and \$1.69 for soft wheat.

France also has maintained the price of wheat on a high basis for the farmers and at a reduction to millers. The French cabinet, July 14, approved a decree raising the price of wheat to \$3.05 per bushel.

PELLAGRA experiments form the basis for a recent volume by two Italian authors. The conclusion is reached that pellagra "is the effect of a chronic intoxication which is caused by silica in colloidal solution in water of determine composition, and, therefore, may be also defined as a disease caused by colloidal minerals."

## The Licensing of Exports.

Stanley H. Rose of the export department of the Barber Asphalt Co. has been placed in charge of the New York branch office of the Department of Commerce to handle the work of licensing of exports under President Wilson's embargo proclamation. Other branch offices will be established at various points, but as the New York office will handle the largest volume of business it is considered of most importance.

Rules for procedure in connection with exports have been announced as follows:

First, applications for licenses may be made to the bureau of foreign and domestic commerce, division of export licenses, 1435 K street, Washington, D. C., or to any of the branches of the bureau of foreign and domestic commerce—Chicago, New York, Boston, St. Louis, New Orleans, San Francisco and Seattle.

Second, in applying for a license to export any of the commodities covered by the President's proclamation applicants should give the following information in triplicate form:

- Quality.
- Description of goods.
- Name and address of consignee.
- Name and address of consignor.

Third, the license will be good for only sixty days and at the expiration of that time must be renewed, and if not shipped within that time a new application must be made.

Fourth, the various branch offices of the Bureau of Foreign and Domestic Commerce have been given full instructions as to the disposition of all applications for licenses.

Wherever practicable, the district officers will be authorized to issue the licenses. It is thought, however, that many of the applications may have to be forwarded to Washington for decision.

In case exporters desire they may telegraph their applications direct to the bureau of foreign and domestic commerce, division of export licenses, 1435 K street, Washington, D. C.

As many licenses may be applied for as are required, and a "blanket license" and "balance license" will be arranged for, the former to cover specific commodities shipped by specific firms to certain countries, and the latter to take care of any balance of goods which is not shipped under the original license. Shipments to Canada may be made as heretofore, it being unnecessary to apply for a specific license.

It has been decided that the order of embargo includes dried peas and beans, malt and cornstarch in addition to other food grains, flour and meal therefrom, fodder and feeds.

The exporters and the railroads are co-operating heartily with the government in the carrying out of the embargo; the railroads having issued an order requiring that shipments of prohibited commodities consigned, reconsigned, to be reconsigned or intended for export shall not be accepted except when B/L is presented with federal license number furnished, or authorized by export council at Washington, together with permit number authorized by the port of delivery road.

Altho the United States has been issuing export licenses for a week, shipments licensed have no guarantees against British seizure unless letters of assurance are obtained also from the British embassy at Washington.

REPRESENTATIVES of farmers organizations conferred with members of the food administration July 19 and adopted resolutions protesting against the Senate plan to fix a price of \$1.75 a bushel for wheat. Enactment of the House bill was urged, the proposed Senate amendments being declared unworkable.

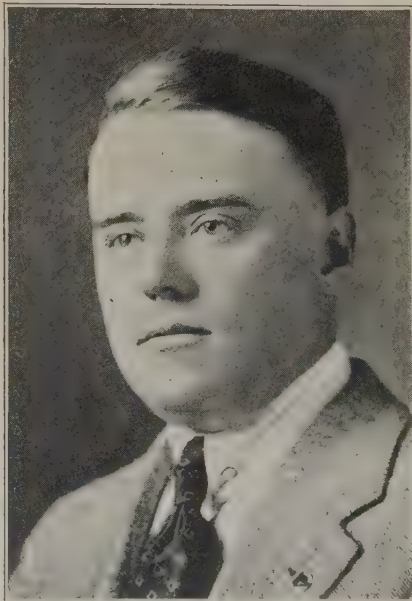
## E. S. McDonough Named Manager.

In taking over the branch office at Jacksonville, Ill., of the Jacksonville Grain Co., the old firm of James E. Bennett & Co., put in what is perhaps the most up-to-date branch office equipment in a country town, in charge of a live wire hustler, E. S. McDonough, whose portrait is reproduced herewith.

In connection with the office is a reading room in which there are always on file the Chicago and daily local newspapers and the trade journals for the accommodation of clients from towns near Jacksonville. A full line of gossip, quotations on grain, provisions, stocks, bonds, cotton and live stock are received continuously.

Mr. McDonough has had wide experience in the commission business, both in futures and cash grain, since 1901, having been manager at Mendota for the Armour Grain Co., as well as at Bushnell and La Salle for leading firms. "Mac," as his friends call him, is genial and accommodating and makes friends wherever he goes. The cash grain has been a hobby with Mr. McDonough and he is conversant with conditions in all markets whether Chicago, St. Louis, Peoria or the east and the elevator people in this territory will no doubt appreciate the service he renders them.

THE CASH situation in oats has shown unusual strength, and an advance of several cents per bushel has been recorded. It is currently reported that practically all of the contract stock of oats at Chicago has been disposed of, and therefore, are not available for delivery against sales of the July future. The fact that track arrivals in that market are commanding premiums of several cents per bushel over the future, and the belief that new oats will not arrive in sufficient volume during the month to relieve the situation, is apparently the basis for expecting higher prices to rule for the balance of the old crop. Transactions are moderate, as dealers buy only when compelled to, and trading is likely to be of a hand-to-mouth character until new oats move freely. Prices, however, may be influenced as heretofore by political events.—L. W. Forbell & Co.



E. S. McDonough, Jacksonville, Ill.



# Grain Trade News

## ARKANSAS

Little Rock, Ark.—The Hayes Grain & Commission Co., which recently decided to take over several grain stores in Little Rock and Argenta, has increased its capital stock from \$50,000 to \$100,000. James Thomas is pres. of the company.

Little Rock, Ark.—The George Niemeyer Grain Co. incorporated; capital stock, \$50,000; incorporators, George Niemeyer, pres., G. F. Williams, vice-pres., J. C. Mullins, sec'y-treas., and others. A concrete elvtr. will be erected on a site recently purchased from the city.

Little Rock, Ark.—I have severed my active connection with the Tom Hill Grain Co., but am still a stockholder in same. S. T. French, formerly mgr. of the Little Rock Grain Co., is my successor and is sec'y and treas. of the company.—J. V. Lenon, general mgr. Lenon Auto Co.

## CALIFORNIA

Woodland, Cal.—E. S. Young has placed his new grain warehouse, of 75,000 sacks capacity, in operation.

San Francisco, Cal.—Williams & McDaniel have engaged in the grain business with offices in the Merchants Exchange Bldg.

Colton, Cal.—The Globe Mlg. Co. sustained a loss of between \$20,000 and \$30,000 by fire July 12 at its plant. Little grain was damaged.

Los Angeles, Cal.—The Essenmayer-Main Grain Co. incorporated; capital stock, \$100,000; incorporators, J. G. Essenmayer, S. L. Main and others.

Sacramento, Cal.—The Public Bean Cleaning Co. has been incorporated with a capital stock of \$20,000. It is erecting a double bean cleaning plant at a cost of \$22,000.

## CANADA

Proton Station, Ont.—The elvtr. of J. Best was recently damaged by fire.

Viking, Alta.—An elvtr. will be erected by the Western Canada Flour Mills Co.

Lumsden, Sask.—The Lumsden Elvtr. Co. has been organized with a capital stock of \$49,000.

Spruce Grove, Alta.—Fire recently destroyed the engine house at the elvtr. of the Gillespie Elvtr. Co.

Langenburg, Sask.—The Grain Growers Grain Co., Ltd., has bot the elvtr. of the Echo Mlg. Co., located on the Canadian Pacific.

Carmangay, Alta.—The elvtr. at this station burned June 30 together with 10,000 bus. of wheat. This is the 3rd elvtr. to be destroyed by fire along the Aldersyde line of the Canadian Pacific in southern Alberta in a week.

Calgary, Alta.—The Alberta Farmers Co-operative Elvtr. Co. is planning to build this summer elvtrs., with a total capacity of 6,000,000 bus., at the following stations: Alliance, Barnwell, Bon Accord, Cluny, Dalroy, Camrose, Compeer, Erskine, El-nora, Parkland, Standard, Taber, Halkirk, Hughtenden, Nanton, Monitor, Carlsland, Pashley, Penhold, Namake, Raymond, Many Berries, Magrath, Jarro, Mechecke, Lampmi, Kelsey, Rosalind, Hay Lakes, Scotford, Legal, Clyde, Dorenelee, Spruce Grove, Morinville and Wright siding, 15 miles north of Edmonton. Twenty-two will be built on the C. P. R.; 12 on the C. N. A., and 6 on the G. T. P. They will all be located in Alberta. Work is now in progress on 2 elvtrs. in the Peace River District at Grande Prairie and Clairmont, on the Grande Prairie branch of the E. D. & B. C. Ry.

Calgary, Alta.—Strong & Dowler are planning to build 10 elvtrs., of from 30,000 to 60,000 bus. capacity, in this province.

Regina, Sask.—The Terminal Grain Co., Ltd., which was formed to handle the wheat buying for Davidson & Smith, of Port Arthur, Ont., has opened an office here.

Moose Jaw, Sask.—The Albert Pacific Elvtr. Co., of Calgary, Alta., is reported to be negotiating with the city council with the view of building a 500,000-bu. elvtr. and up-to-date grain hospital at a cost of \$750,000.

## WINNIPEG LETTER.

The N. Bawlf Grain Co. has increased its capital stock to \$1,000,000.

The Minburn Grain Co., Ltd., has been incorporated with a capital stock of \$10,000.

The Wilcox Grain Co., Ltd., has been incorporated with a capital stock of \$10,000.

The Grain Shippers Commission Co., Ltd., has been incorporated with a capital stock of \$118,000.

The directors of the Grain Growers Grain Co., of this city, and the Alberta Co-operative Elvtr. Co., of Calgary, Alta., are completing arrangements for the amalgamation of the 2 companies.

## COLORADO

Holly, Colo.—A bean elvtr. is under construction at this point.

Laird, Colo.—The Farmers Union Elvtr. Co. has succeeded the O. L. Mitten Grain Co.

Brighton, Colo.—The Brighton Elvtr. Co. has installed a Hall Signaling Grain Distributor in its elvtr.

Keota, Colo.—M. L. Haworth is pres. and John R. Craig is mgr. of the recently incorporated Farmers Elvtr. Co.

Wray, Colo.—O. L. Mitten has sold his elvtr. to the Wray Equity Union Exchange, which now has two elvtrs. here.

Johnstown, Colo.—The Farmers Mlg. & Elvtr. Co., of Longmont, has purchased a site for an elvtr. at this station.

Denver, Colo.—We have moved our main office from Benkelman, Neb., to the Cooper Bldg. here.—O. M. Kellogg Grain Co.

Montrose, Colo.—The Mesa Flour Mill Co., of Grand Junction, will erect a 50,000-bu. reinforced concrete elvtr. at this station.

Merino, Colo.—Our elvtr. will be improved by the addition of overhead bins increasing the capacity from 10,000 to 14,000 bus.—S. B. Ashcraft Grain Co.

Ft. Collins, Colo.—More than 60 employees of the Longmont Farmers Mlg. & Elvtr. Co. enjoyed a 3 days' outing at Cherokee Park, the expense being borne by the company.

Colorado Springs, Colo.—The Seldomridge Grain Co. is rebuilding and enlarging its burned warehouse and constructing a large basement. Concrete and brick are being used.

Amen sta. (Willard p. o.). Colo.—We have just completed the 9,000-bu. steel clad, studded elvtr. for which we let contract at this station.—S. B. Ashcraft Grain Co., Merino.

Delta, Colo.—A 50,000-bu. reinforced concrete elvtr. will be erected by the Mesa Flour Mill Co., of Grand Junction. The site has been purchased and work will start at once.

Nunn, Colo.—The Farmers Elvtr. Co. incorporated; capital stock, \$20,000; incorporators, F. A. Stender, Fred Laycock and others. A large grain warehouse will be erected at once.

Gowanda, Colo.—Most of the material has arrived for the elvtr. for which the Longmont Farmers Mill & Elvtr. Co., of Longmont, recently let contract to the Burrell Engineering & Construction Co.—X.

Hayden, Colo.—The Hayden-Co-operative Elvtr. Co. is building a 10,000-bu. elvtr., on the Denver & Salt Lake Ry., which it expects to have completed about Oct. 1. B. T. Shelton is pres. and James D. Funk, sec'y-treas. of the company.

Willard, Colo.—Work is progressing rapidly on our 16,000-bu. steel-clad studded elvtr. and it will be completed about Aug. 10. Equipment includes a cleaner, Richardson Automatic Scales and Howe Wagon Scales.—S. B. Ashcraft Grain Co., Merino.

Wiggins, Colo.—We are building a 25,000-bu. concrete elvtr. and warehouse to replace the one which burned June 12. It will be ready for business Sept. 1. The Burrell Engineering & Construction Co. has the contract.—C. L. Bloom, ass't mgr. Denver Elvtr.

## IDAHO

Holbrook, Ida.—Farmers are organizing a company to build an elvtr.

Moore, Ida.—The Butte Mlg. & Elvtr. Co. is building an elvtr. and mill.

Lewiston, Ida.—The Lewiston Mlg. Co. is installing a horse proof wagon dump.

Heyburn, Ida.—The Heyburn Mill & Elvtr. Co. is building a concrete addition to its plant.

Blackfoot, Ida.—Bond Bros. & Co. will equip their elvtr. with a Hall Signaling Grain Distributor.

Fenn, Ida.—The Farmers Union of Grangeville will build an elvtr. in connection with its warehouse here.

Gooding, Ida.—The Farmers Society of Equity has purchased the elvtr. built last year by the Caldwell Mlg. Co.

Jerome, Ida.—I have been ill and away from business during the greater part of the past 2 months.—Wm. Wagner, mgr. Jerome Mlg. & Elvtr. Co.

Idaho Falls, Ida.—C. C. Whipple has been appointed mgr. of the Farmers Grain & Mlg. Co., which will build a large concrete grain storage tank and make other improvements.

Grangeville, Ida.—The Farmers Union has decided to increase its capital stock from \$15,000 to \$50,000. An elvtr. and mill will be erected in connection with its warehouse at this place.

Barrymore, Ida.—The Jerome Mlg. & Elvtr. Co., of Jerome, is now erecting grain warehouses here and at Falls City on the north side branch of the Oregon Short Line to save farmers the longer haul to Jerome.

Jerome, Ida.—The material and machinery have been ordered for a new 200-bbl. flour mill for the Jerome Mlg. & Elvtr. Co., which operates the only elvtr. here. The building will be 64x75 ft., 4 stories high and of concrete construction. It will be ready for operation about Feb. 1, 1918.

Wendell, Ida.—We are just completing a 30,000-bu. cribbed elvtr., with all up-to-date machinery, which will be ready in good season for new crops. The capacity of our warehouses is 20,000 bus. Our plant is equipped with up-to-date seed and grain-cleaning machinery, all operated by electricity.—Wm. Wagner, mgr. Wendell Mlg. & Elvtr. Co.

## ILLINOIS

Cabery, Ill.—O. J. Bader is now mgr. of the Farmers Grain Co.

Bellflower, Ill.—The W. T. Bradbury Co. is remodeling its elvtr.

Mt. Carmel, Ill.—An elvtr. and mill will be erected at this station.

Vermilion, Ill.—Rudy & Co. are making improvements in their elvtr.

Oakland, Ill.—The Brocton Elvtr. Co. has bot the elvtr. of Henn & Beggs.

Cropsey, Ill.—The Cropsey Elvtr. Co. is placing a fireproof roof on its elvtr.



Kempton, Ill.—Thomas C. Rickards, grain dealer, died recently, aged 59 years.

Fullerton, Ill.—Clarence Wheat has secured a position with the Fullerton Grain Co.

Tuscola, Ill.—The elvtr. of R. & J. Ervin will be sold at public sale on July 23.—W. A.

Rankin, Ill.—Thom & Johnson are erecting a feed elvtr. and will install a feed grinder.

Redmond, Ill.—We recently bot the elvtr. of David Lawson.—Brocton Elvtr. Co., Brocton.

Cerro Gordo, Ill.—My new elvtr. at this point is in operation now.—T. E. Hamman, Milmine.

Thomasboro, Ill.—The Sharpe Elvtr. Co. has increased its capital stock from \$7,500 to \$10,000.

Mackinaw, Ill.—Extensive repairs are being made on the elvtr. of the Farmers Elvtr. Co.

Sloan siding (Sadorus p. o.), Ill.—Stevens & Freeman are building an addition to their elvtr.

Borton, Ill.—We have purchased the elvtr. of Henn & Beggs.—Brocton Elvtr. Co., Brocton.

East Lynn, Ill.—A. E. Long, Littleton, has bot the grain and coal business of George L. Merritt.

O'Fallon, Ill.—We have installed considerable new machinery in our plant.—C. Tiedemann Mlg. Co.

Filson, Ill.—Chambers & Foote, of Tuscola, have leased the east elvtr., with C. C. Gray as mgr.—C.

Gifford, Ill.—Otis J. Bear has resigned as mgr. of the Farmers Elvtr. Co. and will leave Aug. 1 for Sidell.

Princeton, Ill.—The Farmers Elvtr. Co. will handle coal in connection with its grain business next season.

Crossville, Ill.—Work is progressing on the elvtr. for which William C. Smith, of Carmi, recently let contract.

Hudson, Ill.—Ernest Lawrence will take charge of the elvtr. which Lawrence Bros. took over from A. W. Skinner.

Blue Mound, Ill.—E. W. Crow & Co. are installing a 25-h. p. oil engine in their elvtr. to replace the electric motor.

Warrington, Ill.—The Brocton Elvtr. Co., of Brocton, has bot the elvtr. of Ashmore & Campbell.—W. C. Price, Brocton.

Charleston, Ill.—Whalen Bros. have placed the roof on their new elvtr., which is much larger than their old house.

Sidell, Ill.—The Farmers Elvtr. Co. has employed Otis J. Bear, of Gifford, to take charge of its elvtr., effective Aug. 1.

Ottawa, Ill.—The branch office of Lamson Bros. & Co., in charge of W. L. Etnyre, has been moved to the Moloney Bldg.

Edwardsville, Ill.—F. T. Jacobi has been made mgr. of the Blake Mlg. Co., following the death recently of T. F. Blake, pres.

La Moille, Ill.—A blaze in the elvtr. of the E. W. Houghton Lumber Co. July 9 was extinguished before much damage was done.

Brokaw sta. (Bloomington p. o.), Ill.—The Central Mill & Elvtr. Co. has completed its new 25,000-bu. iron clad cribbed elvtr.

Allison sta. (Sloan p. o.), Ill.—Cal. Adams is now in charge of the elvtr. of M. A. Current & Co. Needed repairs are now being made.

Sullivan, Ill.—E. W. Davis has his new 90,000-bu. concrete elvtr. ready for operation. It replaces the one which burned last August.

Springfield, Ill.—The Murphy Grain Co. has purchased 2 elvtrs. in McLean County. S. Fernandes, Jr., is an active partner in the company.

Charlotte, Ill.—The Farmers Grain Co. has bot suit in the circuit court against Morris Kane, claiming damages in the sum of \$2,000 for failure to deliver grain contracted.

Rossville, Ill.—No change has been made in the firm of W. M. Prillaman at this station.—Elmer McNeal, of McNeal & Prillaman, Henning.

Goodfield, Ill.—The Goodfield Grain & Lumber Co. has been formed to take over the grain, coal and lumber business of Samuel Goetsinger.

Forrest, Ill.—Jesse Rudd and B. J. Singleton have bot the grain and coal business of H. & H. J. Wendel for \$10,000. They took possession July 1.

Tucker sta. (Bourbonnais p. o.), Ill.—We have let contract for a 15,000-bu. concrete elvtr. and work will be started at once.—Farmers Elvtr. Co., Manteno.

Thomasboro, Ill.—The Farmers Grain, Lumber & Coal Co. has increased its capital stock from \$10,100 to \$40,400. The company will build a new office.

Ogden, Ill.—Wm. Hayes is the new mgr. of the elvtr. of Frank Supple, succeeding E. W. Sadler, who resigned to accept a similar position in Fairmount.

Forest City, Ill.—The Forest City Grain Co. has asked for bids for the erection of a reinforced concrete elvtr. Miller & Holbrook have prepared the plans.

Matteson, Ill.—Repair work is being done on the elvtr. of C. L. Dougherty. The elvtr. force was laid off for a half day July 13 owing to scarcity of freight cars.

Archie sta. (Sidell p. o.), Ill.—We are rebuilding our recently acquired elvtr., which is located on the C. I. & W.—R. G. Herron, of Farmers Elvtr. Co., Sidell.

Gridley, Ill.—Hayward Bros. have bot the elvtr. of Geo. P. Davis and will operate it under the name of the Hayward Bros. Grain Co., with J. P. Guingrich as mgr.

Mt. Carmel, Ill.—A district meeting of grain dealers to discuss the new grain standards and the railroad situation as it affects the grain business was held July 7.

McComb, Ill.—The Farmers Grain, Fuel & Supply Co. will build a 20,000-bu. elvtr. to take the place of the one which will be razed to make room for a new C. B. & Q. switch track.

McComb, Ill.—Rexroat & Williams are planning the erection of a 15,000-bu. elvtr. to replace their elvtr., which will have to be razed to make room for a new switch of the C. B. & Q.

Maroa, Ill.—The American Grain Co. is making improvements in its recently acquired elvtr. A new automatic scale, and an air-blast car loader are being installed. T. H. Wright is local mgr.

Harristown, Ill.—The Beall Grain Co. is rushing work on a 50,000-bu. elvtr. to take the place of its old house. Last year the company was forced to build a 15,000-bu. temporary bin to store oats.

Hickman, Ill.—The elvtr. of A. J. Helmer was totally destroyed by fire July 14. Estimated loss, \$5,000; insurance, \$3,500. The fire is thot to have been caused by a spark from a passing locomotive.

La Rose, Ill.—The La Rose Elvtr. Co. has surrendered its charter and will hereafter conduct its business under the name of Davis Bros. & Stevenson. There is no change in ownership or management.

Heman sta. (Warrensburg p. o.), Ill.—I have acquired full interest in the Heman Elvtr. Co. and will operate this elvtr. in connection with my own at Warrensburg, under my own name.—Victor Dewein.

Pittwood, Ill.—Davis Bros. and myself have bot the elvtr. of the R. F. Cummings Grain Co. and will operate it under the name of Davis Bros. & Ash. I have been at this station for 13 years.—Noah Ash, mgr.

Roxbury, Ill.—Judge Crabtree in the Lee County Court recently gave Mike Ross judgment against the Neola Elvtr. Co. for \$53 on a sale of corn. He claimed \$1.15 per bushel, and the company was willing to allow him 90 cents, as it had a contract with him for 1,500 at that price, and he had delivered only 457 bush. The court held the contract a separate transaction, and Ross is still bound to deliver the 1,500 bus.

Farmingdale, Ill.—Henry Janssen has resigned as mgr. of the Farmers Elvtr. Co. and will move to Bement to manage an elvtr.

Ladd, Ill.—Edward Newton, helper at the Neola Elvtr. Co., on July 14 suffered concussion of the brain, a broken thigh, broken nose and other internal injuries when the automobile he was driving overturned.

East St. Louis, Ill.—Circuit Court Judge E. S. Smith at Springfield July 14 ordered the reinstatement of Franz Sartison and Herman F. Kelley, grain inspectors, discharged by the state civil service commission.

Henning, Ill.—We are successors to W. M. Prillaman & Co., having formed a partnership to handle grain and coal. We took over their elvtr. on July 9. Elmer McNeal was formerly with the Pease Grain Co. at Chestnut.—McNeal & Prillaman.

The following have been admitted to membership in the Illinois Grain Dealers Ass'n: McKenzie Co., Taylorville, Pinckneyville Mlg. Co., Pinckneyville, W. L. Finson, Monticello, Cairo Elvtr. & Mill Co., Cairo, and Edward McKee, Pana.

Wing, Ill.—Charles Holloway, mgr. of the elvtr. of E. T. Holloway & Son, was killed July 14. In kicking the belt of a gasoline engine into position his right leg was drawn into the machinery and torn from his body, which was badly mangled.

Middletown, Ill.—The Middletown Grain & Coal Co. is building solid cribbing from the foundation up, to support the bins as the east side of the elvtr. had settled several inches since it was erected. A new brick cob burner will replace the old one.

Alvin, Ill.—Frank E. Yeazel has bot suit for \$10,000 damages against the Burrell Engineering & Construction Co. It is understood that Mr. Yeazel demands damages for a broken leg, received when he fell 60 ft. at an elvtr. during its construction.

Hillsboro, Ill.—Ware Bros. will build a grain warehouse of several thousand bus. capacity. Arrangements will be made so that wheat can be dumped from wagons without being scooped. Roy Ware will buy grain here and Frank Ware will buy at Butler.

Emery, Ill.—The 20,000-bu. elvtr., which I am building at Wise, will be up-to-date in every respect, with the best equipment for the rapid and economical handling of grain. It will be completed and ready to receive grain by Aug. 1.—L. J. Kaiser, Maroa.

Fairmount, Ill.—The elvtr. of H. P. Worden has been sold to a company, composed of J. V. Lawson, Z. A. Terry, A. W. Cast, A. H. Gunder, Dale Craig and S. T. Catlett. Mr. Cast is pres., Mr. Terry, sec'y, and E. W. Sadler, of Ogden, has been employed as mgr.

Ottawa, Ill.—Dewey Van De Leer, who was arrested July 12 on a charge of forgery made by the Illinois Valley Grain Co., was found not guilty July 16 by Judge Koenig. De Leer had enough money in the bank to cash the checks at the time they were written.

Windsor, Ill.—The Windsor Grain Co. has been granted until Oct. 15 to file answer to the suit by Munson Bros., stockholders, to examine its books. Defendant had refused permission to examine its books on the ground that Munson Bros. were rival grain dealers.

Taylorville, Ill.—Charles McKenzie is pres. and A. E. McKenzie sec'y, treas. and mgr. of the recently incorporated McKenzie Grain Co., which has taken over the elvtr. of Wm. Loveless. Coal, building material and stock food will be handled in connection. New machinery and scales have been installed in the elvtr.

Perdueville sta. (Paxton p. o.), Ill.—J. B. Carson, who has been in the grain business for 28 years, has taken as a partner J. A. Kemp, and hereafter the firm name will be Carson Grain Co. Mr. Carson will still be more or less active in the business, altho the active management will be under Mr. Kemp's supervision.



Hillery, Ill.—C. B. De Long, of Fithian, will not build an elvtr. here. The Big Four Railroad Co. has cancelled its contract with him for a site on the railroad right-of-way and he is unable to lease other suitable ground. Arrangements are now being made for up-to-date granaries and cribs, with concrete floors.

Carlock, Ill.—We will continue the business of O'Hara & Gaddis, L. E. Schwartz having purchased the interest of C. M. Gaddis. The office and scales will be remodeled, a new engine house will be built and a 15-h. p. Fairbanks-Morse Gas Engine and a Boss Air Blast Car Loader will be installed.—O'Hara & Schwartz.

Petersburg, Ill.—The 15,000-bu. elvtr. at the junction of the C. P. & St. L. Ry. and C. & A. Ry. is nearing completion and will be ready for the new crop. The stockholders in the Charter Oak Grain Co. and this new elvtr. have consolidated and incorporated under the name of the Junction Grain Co. I was mgr. of the old firm and will be in charge of the new one. The elvtr. is up-to-date in every respect and is equipped with a 2,000-bu. ear corn crib and a sheller in the basement so all ear corn can be dumped.—H. S. Houghton, per E. M. C.

#### CHICAGO NOTES.

Memberships in the Board of Trade have advanced to \$5,000.

An amendment to the rules of the Board of Trade has been posted for ballot to advance weighing fees from 35 to 50c per car.

A new trial has been granted by the appellate court in the suit of A. J. Cutler v. C. W. Pardridge to recover \$62,000 on transactions in grain futures.

In the suit brot by John B. Turner, of Memphis, Tenn., 2 years ago, to prevent his being disciplined under the rules of the Board of Trade, the federal court at this city decided against him.

An amendment to Section 3 of Rule 10 of the Board of Trade has been adopted and ordered posted for ballot. It will give the directors power if desired to annul assessments of members who go to war.

The Reese Grain Co. has employed W. E. Johnson as traveling solicitor. Mr. Johnson has been engaged in the grain business since 1910 and has been manager of farmers' elevator companies at Malcom and Dayton, Ia.

James K. Riordan, who at times has dealt largely in grain, has declared he will demand delivery of corn he has bot for September delivery, and will refuse to settle at the price of \$1.65 set by the directors. He has sold his membership in the Board of Trade.

The complaints against A. V. Kinsler and J. K. Riordan, referred to a special com'te of the directors of the Board of Trade, have been dismissed. They assured the com'te that they did not intend to discredit the good name and dignity of the Board of Trade.

Criticism by A. V. Kinsler of Omaha and J. K. Riordan of the action of the directors of the Board of Trade in fixing the price of corn led Pres. Griffin to appoint a com'te of John Treadwell, Harry Newell and J. J. Bagley to investigate a complaint against the two members.

The State Public Utilities Commission has issued an order, permitting to become effective Aug. 1, 1917, the increase of the Belt Railway at this city in its switching charge on shipments originating beyond Chicago and handled by the Belt Railway as an intermediate carrier between connecting lines to \$3.50 per loaded car and \$1.65 per empty car.

Pres. Griffin and the officers and directors of the Board of Trade were strongly indorsed by the members July 20 in the vote on the new rule giving them discretionary power to fix prices. The vote on the rule was 642 in favor to only 119 against. A new clearing house system was favored by 446 to 324. The changes in contract grades of wheat were adopted 718 to 36.

Thirteen employees in the state grain office sought reinstatement July 17 before the Illinois civil service commission. Walter Schmitt, chief state grain inspector, is accused of instituting the removals as part of a spoils politics program. The complainants assert that the Buck bill, intended to insure the efficiency of employees, has been manipulated to oust appointees who have passed civil service examinations and who have not yet assumed the duties of their positions.

A. J. Flatt, J. P. Hayes, F. E. Fisher, A. F. McKenzie, Allen G. Thurman and H. S. L. Reno have applied for membership in the Board of Trade. Louis N. Stott, Elija Stockham, H. H. Hodgson, of Kansas City, Mo., and Gus Johnson, of Lincoln, Neb., have been admitted to membership and the memberships of George Clearman, A. E. Rush, Henry H. Dennis, L. J. Dwyer and Jas. K. Riordan have been posted for transfer. Memberships are quoted at \$5,000 net to buyer.

#### INDIANA

Ft. Wayne, Ind.—The Farmers Grain Co. has been dissolved.

Colfax, Ind.—The Vandalia Elvtr. Co. has remodeled its elvtr. and built an addition to it.

Atlanta, Ind.—A. G. Walton has succeeded Walton and Whistler in the grain business here.

Rushville, Ind.—I have not purchased an elvtr. here as was recently reported.—W. D. Springer, Fountaintown.

Brems, Ind.—I am out of the grain business, having sold out some time ago to John C. Young.—W. S. Pulver.

Fountaintown, Ind.—The recently incorporated Hungate Wholesale Co. will not handle grain as was recently reported.—W.

Purcell sta. (Vincennes p. o.), Ind.—Albert Oxman will build a large up-to-date elvtr. to replace the one, which burned June 15.

Lynn, Ind.—We have built a 22x24 ft. addition to our elvtr. for storage and have also bot a truck for our delivery service.—Berry Bros.

Maxwell, Ind.—Brandenburg & Carlton have remodeled their elvtr. into an up-to-date 18,000-bu. house. Electric power has been installed.

Rosedale, Ind.—At our grain dealers meeting at Terre Haute July 10 we agreed to post our prices for each day.—Phillips & Ross Grain Co.

Stewart, Ind.—Harold Pence has bot and taken possession of the elvtr. of his father, Frank R. Pence. Jack Hile will remain with the new owner.

Goodland, Ind.—Charles H. Adamson, of Frankfort, bot the interest of Hugh Murray in the elvtr. of H. Murray & Co. Possession was given July 15.

Williamsport, Ind.—F. W. Miller is remodeling an old mill into an elvtr. and installing new machinery. Coal and seeds will be handled in connection.

Churubusco, Ind.—O. Gandy & Co. have practically completed the 25,000-bu. elvtr. for which they let contract to the Burrell Engineering & Construction Co.

Servia, Ind.—The recently incorporated Servia Elvtr. Co., is building an up-to-date elvtr. on a site, which it recently purchased near the Erie Railroad.

Malden sta. (La Crosse p. o.), Ind.—The recently incorporated Farmers Elvtr. Co. will build an elvtr. as it was unable to purchase the elvtr. at this station.

Evansville, Ind.—Julius O. Artes, mgr. of the Union Elvtr. here, has returned from a trip to Dawson Springs, Ky., where he went for an attack of lumbago.—C.

Vincennes, Ind.—Piel & Co. have purchased the South Side Elvtr. here and the business will hereafter be conducted under the name of Piel & Baker. The firm operates elvtrs. at this place, Brevoorts, Ind., St. Francisville and Schrodt's sta., Ill.—K.

Swanington, Ind.—We have painted and made needed improvements in the elvtr. which we took over July 2 from J. W. McConnell.—Doan & Day, per J. F. Doan.

Ft. Wayne, Ind.—About 65 grain dealers of Ft. Wayne and Allen County met July 18 to discuss methods of carrying out the government regulations for grading wheat.

Ft. Wayne, Ind.—The McMillen Co. incorporated to maintain and operate elvtrs.; capital stock, \$50,000; incorporators, J. W. McMillen, C. S. Fergus and D. W. McMillen.

Woodburn, Ind.—The Woodburn Equity Exchange took possession July 1 of the elvtr. which it purchased from the Woodburn Elvtr. & Mfg. Co. Ed. Moser has been retained as mgr.

Reagan sta. (Markle p. o.), Ind.—Frank Strange, of Frankfort, will be in charge of the 50,000-bu. elvtr. which the recently incorporated Reagan Grain Co. is building on the new Pennsylvania line.

Kendallville, Ind.—The Kendallville Shippers Ass'n has been organized to ship grain and live stock and buy seed and building material. M. E. Sherman and A. F. Hill are interested in the organization.

Oakville, Ind.—The elvtr. of Teter & Peckenpaugh, containing a small amount of grain, burned July 19. Estimated loss, \$4,000; insurance, \$2,000. The blaze is believed to have started in the cob room.—C.

Lincoln, Ind.—The elvtr., owned and operated by Watkins & Crippe, has been sold to L. C. Riley and E. B. and Hugh McCorkle, of Thorntown, who took immediate possession. Nat Claybaugh, elvtr. broker at Frankfort, made the sale.

Indianapolis, Ind.—E. Lowitz & Co., of Chicago, Ill., have established a cash grain dept. in connection with their regular grain and future business at this place, with Bert K. Black as mgr. The offices of the company are in the Lempe Bldg.

Bloomington, Ind.—A meeting of the grain dealers and millers of Vigo, Clay, Owen, Sullivan, S. Daviess, Monroe, Lawrence, Orange, Jackson and Martin Counties was held July 12 at the University of Indiana to discuss the new wheat grades, now in effect.

Shelbyville, Ind.—Grain dealers and millers of Shelby County agreed at a meeting held July 9 to buy all grain this fall according to the new standard of the government, effective July 1. R. B. Woolsley, of Indianapolis, federal supervisor of grain inspection, explained the new method of grading.

Vincennes, Ind.—A meeting of the grain dealers of Shoals, Loogootee, Washington, Bloomfield and Knox Counties was held July 9 at the Grand Hotel for the purpose of discussing the new wheat grades and the car shortage. Chas. B. Riley, sec'y of the Indiana Grain Dealers Ass'n, was present and led the discussion.

New Albany, Ind.—We have incorporated with a capital stock of \$30,000. Henry Zabel is pres., Arthur Zabel, vice-pres., and Ernest Zabel, sec'y-treas. and mgr. of our firm, which is moving its 125-bbl. mill from Lanesville to this city. The elvtr. capacity will be increased to 16,000 bus. We are erecting a building now which will be ready for operation Sept. 1.—Zabel & Son, Inc.

#### IOWA

Norwalk, Ia.—Farmers are planning to build an elvtr.

Churdan, Ia.—The Farmers Elvtr. Co. will erect a new office.

Goodell, Ia.—The elvtr. operated by Otis G. Day will be rebuilt.

Wyman, Ia.—An elvtr. is under construction at this station.

Polk City, Ia.—The Central Iowa Grain Co. is remodeling its elvtr.

Holstein, Ia.—The Farmers Elvtr. Co. is building a new brick office.

Sheldon, Ia.—The Jenkinson Grain Co. is completing a new coal shed.



Dow City, Ia.—Jack Ahart will build an elvtr. on the Illinois Central.

Spencer, Ia.—The Everly Grain Co. will build an addition to its elvtr.

New Sharon, Ia.—The Farmers Elvtr. Co. is building new coal sheds.

Cedar Rapids, Ia.—I have moved from Tipton to this city.—A. E. Taber.

Gifford, Ia.—Moore & Anderson are remodeling and enlarging their elvtr.

McCalsburg, Ia.—The Farmers Grain Co. has bot the elvtr. of Larson Bros.

Emmetsburg, Ia.—The Farmers Elvtr. Co., will build a 24x32 ft. flour house.

Coin, Ia.—We have sold our elvtr. to E. T. Stratton.—Coin Lumber & Grain Co.

Cylinder, Ia.—The Farmers Elvtr. Co. is considering the erection of a new elvtr.

Larrabee, Ia.—The Farmers Elvtr. Co. has increased its capital stock to \$40,000.

Ottosen, Ia.—The Quaker Oats Co. has bot an elvtr. from the Farmers Elvtr. Co.

Cooper, Ia.—Work is progressing on the annex to the elvtr. of the Neola Elvtr. Co.

Milford, Ia.—M. M. Moorland has bot the elvtr. formerly operated by Alberts & Anderson.

Grand Junction, Ia.—D. Milligan & Co., of Jefferson, have bot the elvtr. of Chas. Smittle.

Lytton, Ia.—Mr. Jensen has been hired as mgr. of the Farmers Elvtr. Co. for the coming year.

Lake Mills, Ia.—A. J. Bang has succeeded E. A. Berven as mgr. of the Farmers Elvtr. Co.

Turin, Ia.—S. P. Stark has resigned as mgr. of the Turin Elvtr. Co. and will move to Little Sioux.

Marcus, Ia.—Lee M. Woods has resigned as mgr. of the Farmers Elvtr. Co. and will move to Idaho.

Ellsworth, Ia.—The Farmers Elvtr. Co. is painting its elvtr. red and building a new up-to-date office.

Dedham, Ia.—Mr. Loeltz has been retained as mgr. of the Farmers Elvtr. Co. at an advanced salary.

Burt, Ia.—R. E. Neuman has been retained as mgr. of the Farmers Elvtr. Co. at an increased salary.

Halbur, Ia.—Peter Sondgeroth was elected mgr. of the Farmers Elvtr. Co. at its recent annual meeting.

Montgomery, Ia.—B. B. Anderson, of Estherville, has bot the elvtr. of Alberts & Anderson at this station.

Alta, Ia.—The Quaker Oats Co. is making general repairs on its elvtr. D. F. Hoag & Co. have the contract.

Goodell, Ia.—Otis G. Day, mgr. of an elvtr. here, was married recently to Miss Olive G. Anderson, of Clarion.

Truesdale, Ia.—The Farmers Elvtr. Co. has repaired its elvtr. The outside stairway has been taken down and a manlift installed together with other new equipment.

Barnes City, Ia.—Wymore & Williams are building an elvtr. on the site where their old cribs formerly stood.

Kingsley, Ia.—A blaze in the elvtr. of Cathcart & Sons was recently discovered before much damage was done.

Hancock, Ia.—The Des Moines Elvtr. Co. is taking down its old elvtr. and will build an up-to-date one to replace it.

Waverly, Ia.—Colburn Bros. have built a large coal elvtr. to handle coal in connection with their grain business.

Aplington, Ia.—The Farmers Elvtr. Co. is remodeling and enlarging its elvtr. An automatic scale will be installed.

Colo, Ia.—New siding will be placed on the elvtr. of the Farmers Grain Co. and other improvements will be made.

Rockwell City, Ia.—D. Milligan & Co., of Jefferson, have the material on the ground for an elvtr., on the Milwaukee R. R.

Bradgate, Ia.—The Quaker Oats Co. is building a 40,000-bu. addition to its elvtr. D. F. Hoag & Co. have the contract.

Stanhope, Ia.—The Quaker Oats Co. is building a 30,000-bu. addition to its elvtr. D. F. Hoag & Co. have the contract.

Oyens, Ia.—S. H. Lassen has resigned as mgr. of the elvtr. of the Oyens Co-operative Co. on account of failing health.

Germania, Ia.—W. R. Flemming has bot and taken possession of the elvtr., coal sheds and corn cribs of John Randolph.

Cherokee, Ia.—The Weart & Lysaght Co. has let contract for the overhauling of its entire line of elvtrs. to D. F. Hoag & Co.

Chapin, Ia.—The Farmers Co-operative Elvtr. Co. is negotiating for the purchase of the elvtr. of the Bowles Billings Kessler Co.

Lorah, Ia.—Chester Brick, a farmer of Elliott, has bot the elvtr. of McCaustland & Nelson and will take possession Mar. 1, 1918.

Thornton, Ia.—The Farmers Elvtr. Co. is building an elvtr. at a cost of \$4,000. The Newell Construction Co. has the contract.

Griswold, Ia.—Work is progressing on the elvtr. under construction for the recently incorporated Griswold Co-operative Ass'n.

Oakville, Ia.—F. E. Jamison has bot the elvtr. of the Davenport Elvtr. Co. here and the scales, cribs and other property at Huron.

Ringsted, Ia.—The Farmers Elvtr. Co. has overhauled and painted its elvtr. An automatic scale will be installed in the cupola.

Watkins, Ia.—Roy A. Beuter, formerly mgr. of the Watkins Grain Co., is now agt. of the Quaker Oats Co. at this station.—E.

Cambridge, Ia.—Harrison D. Johnson, agt. of the Central Iowa Grain Co., was married recently to Miss Edna Marie Hull, of Maxwell.

Lanesboro, Ia.—Halbert James Mighell, member of the L. J. Mighell & Sons Grain Co., was married June 28 to Miss Martha Virginia Scott.

Grundy Center, Ia.—The current report that a farmers elvtr. company has been organized to build an elvtr. here is incorrect.—E. E. Billings.

Paton, Ia.—Milo Hough is now in charge of the grain business of the Paton Produce Co., succeeding Ernest Dawson, who will enlist in the army.

Lone Rock, Ia.—We have built new coal sheds and use an elvtr. to unload coal. The Newell Construction Co. has the contract.—Lone Rock Exchange Co.

Atlantic, Ia.—The Rothschild Grain Co. incorporated; capital stock, \$100,000; incorporators, Emil Rothschild, pres., Dorothy Paulsen, sec'y, and others.

Hayfield, Ia.—The Hubbard Grain Co., of Mason City, has bot and taken possession of both elvtrs. of Ed. Cashman. The buildings will be enlarged and improved. Coal, cement and lumber will be handled in connection.

Massena, Ia.—The C. W. McCaustland Grain Co. has been formed by L. R. Nelson, Chas. W. McCaustland and Henry Holaday, to build a 20,000-bu. elvtr.

Lacey, Ia.—J. G. Bolles & Son, formerly in the grain business at Rose Hill, have purchased the elvtr. of the Lacey Grain & Implement Co. from Mr. McConnell.

Burlington, Ia.—The Iowa Grain & Produce Co. has moved its office building across the street and has let contract for a 3-story addition to its main plant.

Terrill, Ia.—B. B. Anderson, of Estherville, has purchased the elvtrs. of the Terrill Grain Co. and the Skewis Grain Co. C. M. Anderson, his son, will be placed in charge.

Indianola, Ia.—The farmers of Warren county are forming an elvtr. company, with a capital stock of \$15,000, to handle grain, stock, lumber and millfeeds.—W. T. Sinnard, sec'y.

Sherwood, Ia.—The Quaker Oats Co. is building a 40,000-bu. addition to the elvtr., which it recently purchased from the Farmers Elvtr. Co. D. F. Hoag & Co. have the contract.

Rutland, Ia.—The Burt Grain Co., of Galt, bot and took possession July 10 of my elvtr. New cups, boot, legs, head, spouts and other equipment are being installed.—Theo. Ferris.

Remsen, Ia.—Herman H. Frericks, operating an elvtr. here, has gone on a pleasure trip in the West. He will return about Aug. 1. John Degnam is managing the elvtr. during his absence.

Des Moines, Ia.—Our Mr. Robert R. Harper was appointed a captain of the quartermaster corps of the United States Army and was ordered to Washington a short time ago.—Harper & Sons.

Moorland, Ia.—The 20,000-bu. elvtr., for which the Farmers Elvtr. Co. has under construction, will be equipped with a 2,000-bu. Richardson Automatic Scale, dump, manlift and Howe Dump Scale.

Keokuk, Ia.—More than 150 window panes in the elvtr. of the O. A. Talbott Co. have been broken in the past 2 months by boys with air guns and rifles. The police are investigating the matter.

Pierson, Ia.—I have purchased the elvtr. of the Western Grain Co. and will take possession Aug. 1 and operate it under the name of the Grettenberg Grain Co., Wm. Grettenberg, formerly mgr. Farmers Elvtr. Co.

Sioux City, Ia.—The Taylor & Bournique Co., of Milwaukee, Wis., will open an office in the new Grain Exchange Bldg. Aug. 1. George O. Storm, of Humboldt, traveling representative of the company, will be mgr.

Elk Horn, Ia.—Lightning recently struck our elvtr. damaging the roof and one corner. The electric motor was also damaged when the lightning leaped to the motor wire.—O. N. Olsen, agt. E. Rothschild Co.

Manson, Ia.—Max R. Higgins, formerly mgr. of the Farmers Elvtr. Co., will manage the elvtr. of the Malden Grain Co. at Roleau, Sask., Can. Geo. J. French, formerly Iowa solicitor for E. W. Wagner & Co., is his successor here.

Farragut, Ia.—Ross Lamb is mgr. and R. W. King is in charge of the work at the elvtr., which the recently incorporated Farmers Elvtr. Co. took over July 1 from Harry Loonan. Coal and live stock will be handled in connection.

Sutherland, Ia.—The Quaker Oats Co., of Cedar Rapids, has bot and taken possession of the elvtr. of Metcalf & Cannon, who will continue in the stock business, with headquarters at the elvtr. R. J. Moorhead will probably remain as mgr. for the new owner.

Madrid, Ia.—Johnson & Lundahl are making extensive repairs on their elvtr. A new and larger cleaner, sheller, 2 wagon dumps, 2 elvtr. legs and other equipment will be installed. The basement will be cemented and made ratproof and all the wooden spouting replaced with steel.



Bill your next Car of Grain  
to  
**HENSEY & OWEN**  
GRAIN COMMISSION  
MILWAUKEE



Norway, Ia.—The Quaker Oats Co., which bot the elvtr. of the Lammers-Kuehl Co., is taking it down and building a 30,000-bu. elvtr., equipped with an 8-h. p. engine, Howe Dump Scale and Howe Hopper Scale. D. F. Hoag & Co. have the contract.

Council Bluffs, Ia.—The Flanley Grain Co., of Omaha, Neb., has bot the 150,000-bu. terminal elvtr. of the Van Wickle Grain & Lumber Co., located on the Northwestern, Burlington and Rock Island R. R. The transfer will take place Aug. 1.

Sioux City, Ia.—Practically all of the grain firms in the Davidson Bldg., which are members of the Board of Trade, have agreed to move to the new building, which will be known as the Grain Exchange Bldg. The trading floor and grain firms will occupy the entire 6th floor and part of the 5th floor of the building, which will be ready about Oct. 1.

Hospers, Ia.—The Klein Bros. Grain Co., operating an elvtr. at Inwood, which recently bot the elvtr. of the L. J. Button Elvtr. Co., is composed of Joe W. Klein, of this place, Will, of Inwood, Henry W. and Alex, of Alton. Joe W. Klein, who has been mgr. of the elvtr. here for the past 4 or 5 years, will remain in charge.—W. H. Klein, mgr. at Inwood.

Sioux City, Ia.—The Flanley Grain Co. will build a 100,000-bu. reinforced concrete elvtr., within the next 2 months, at a cost of \$50,000, on the site formerly occupied by the elvtr. of the Terminal Elvtr. Co., which burned 3 years ago. The Younglove Construction Co. has the contract for the elvtr., which will be used principally for the transportation of grain to and from this city.

Des Moines, Ia.—The Bast-Fogarty Co. has let contract for a fireproof elvtr. and 1,000-bbl. mill to replace its plant, which burned Apr. 16. The new structure will be completed Oct. 1 at a cost of \$165,000. It will be of reinforced concrete construction with steel elvtrs. and spouting and steel frame construction of machines. Five large grain tanks will be erected adjoining the elvtr., which will be 100 ft. high. The company has been reorganized with a capital stock of \$200,000.

Council Bluffs, Ia.—Appeals have been made in the federal court by the Merriam-Millard Co. and the Iowa Elvtr. Co. from the assessments turned in by City Assessor Huntington on stocks of grain in their elvtrs. on Jan. 4. These will make 6 appeals from the current assessments of the assessor, 4 having heretofore been appealed to the district court and later transferred to the federal court. The elvtr. companies of the city contend that their stocks are not assessable and should be treated as grain in transit.

## KANSAS

Mulvane, Kan.—A. A. Hatfield has purchased the north elvtr.

Lucas, Kan.—E. Rogers has bot the elvtr. of the Morrison Grain Co.

Menlo, Kan.—The elvtr. of the Farmers Elvtr. Co. is nearing completion.

Varner, Kan.—J. W. Wheeler is the new agt. of the Rock Mill & Elvtr. Co.

Cheney, Kan.—Fred Howard is now grain buyer for the Kramer Mlg. Co.

Arkansas City, Kan.—Charles Pooler has taken charge of an elvtr. at this place.

Burdick, Kan.—J. B. McClure, of Hutchinson, has purchased an elvtr. at this point.

Dighton, Kan.—The Rock Mlg. & Elvtr. Co. has completed its new 25,000-bu. elvtr.

Hazleton, Kan.—Wm. Williams is now in charge of the elvtr. of the Vance Grain Co.

Mullinville, Kan.—Repairs are being made on the elvtr. of the Farmers Elvtr. Co.

E. A. Sullivan is now associated with the Vanderslice-Lynds Co., of Kansas City, Mo.

Topeka, Kan.—The Central Commission Co. is out of the grain business here.—P. M.

Burlingame, Kan.—The Burlingame Elvtr. Co. is building an addition to its elvtr.

Simpson, Kan.—The Farmers Elvtr. Co. is building a new office and will install new scales.

Norwich, Kan.—The Kansas Flour Mills Co. is building a flour and feed warehouse.

Salina, Kan.—The Lee-Warren Mlg. Co. has increased its capital stock from \$200,000 to \$500,000.

Oxford, Kan.—B. F. Kelsey will build a feed and flour warehouse in connection with his elvtr.

Clafin, Kan.—Improvements and repairs are being made in the elvtr. of the Universal Roller Mill.

Lawrence, Kan.—The Derby Grain Co., of Topeka, has bot the elvtr. and coal yards of W. D. Gwin.

Concordia, Kan.—Arthur Pearson has become a partner in the grain and flour business of Delos Ramsey.

Tonganoxie, Kan.—The large concrete grain tanks for the Kemper-Fair Mlg. Co. have been completed.

Topeka, Kan.—L. J. Degarmo, of Ellinwood, is now mgr. of the elvtr. dept. of the Thomas Page Mlg. Co.

Andale, Kan.—The Pacific Elvtr. Co. is rebuilding its elvtr., which was recently destroyed by a tornado.

Pawnee Rock, Kan.—The Farmers Elvtr. Co. is planning to build a flour mill in connection with its elvtr.

Sterling, Kan.—The Walnut Creek Mlg. Co., of Great Bend, has leased the elvtr. of the Fair Land & Loan Co.

Macksville, Kan.—Chas. Stark has succeeded H. E. Hutton, who resigned as mgr. of the Farmers Co-operative Ass'n.

South Haven, Kan.—The Arkansas City Mlg. Co. has bot the 30,000-bu. elvtr. of the South Haven Mlg. Co.—Chas. E. Miller.

Stafford, Kan.—The Walnut Creek Mlg. Co., of Great Bend, bot and took possession recently of the elvtr. of A. Aitken.

Patterson, Kan.—J. H. Camp has succeeded Richard Carmichael, who resigned as mgr. of the elvtr. of the N. Sauer Mlg. Co.

Alden, Kan.—I am now mgr. of the Farmers Grain, Fuel & L. S. Co. at this place.—H. E. Hutton, formerly at Macksville.

Hopewell sta. (Fravel p. o.), Kan.—P. J. Hellwig has succeeded Ed Clerk as mgr. of the Co-operative Equity Exchange.—E. S.

Saxman, Kan.—The Leonard Grain & Electric Co. will build a 30,000-bu. concrete elvtr. and 400-bbl. mill, to be completed by Jan. 1.

Anthony, Kan.—Frank Murphy is now grain buyer for the Kansas Flour Mills Co., succeeding W. E. Gilpin, who was transferred to Sharon.

Langdon, Kan.—The recently organized Langdon Co-operative Co. has succeeded the Farmers Elvtr. Co. J. A. Lyons will continue as mgr.

Keystone, Kan.—Contract has been let for the two 50,000-bu. concrete grain tanks as an addition to the 50,000-bu. elvtr. of the Keystone Mlg. Co.

Lebanon, Kan.—The Lebanon Mill & Elvtr. Co. has let contract for additional storage to its elvtr. to the R. M. Van Ness Construction Co.

Osage City, Kan.—Ed Martin is now mgr. of my elvtr. and meal mill, succeeding E. F. Wilson, resigned. Wm. Brown is mgr. of the store.—Asher Adams.

Anthony, Kan.—The R. H. Drennan Grain Co., of Oklahoma City, Okla., has bot the elvtr. of the defunct Ball Mfg. Co. and placed Thos. Saunders in charge.

Attica, Kan.—We are operating the 30,000-bu. elvtr. and 300-bbl. mill which we purchased from the Hunter Mlg. Co., of Wellington. Our firm is composed of Harry H. Hunter and C. W. Hunter.—Attica Mills.

Ferguson, Kan.—We have purchased the elvtr. of the Ferguson Grain, Fuel & L. S. Co. W. A. Kuykendall is in charge.—Stevens Scott Grain Co., Wichita.

Winfield, Kan.—The recently organized Winfield Flour Mills Co. has been incorporated, with a capital stock of \$100,000, to operate its recently acquired elvtrs. and mill.

Elk City, Kan.—W. A. James has succeeded me and I am out of the grain business. The other grain dealers here are C. R. Long and A. Lillibridge.—Frank Barnes.

Rock Creek, Kan.—Hubert Harding, formerly mgr. of the Farmers Elvtr. Co. at Hebron, Neb., has bot and taken possession of the elvtr. of F. C. Wegener at this station.

Conway, Kan.—The Farmers Elvtr. Co. incorporated; capital stock, \$10,000; incorporators, R. W. Baldwin and others. The company will take over the elvtr. of Colburn Bros.

Baxter Springs, Kan.—We have purchased a 12,000-bu. elvtr. and warehouse, of 10 cars capacity, from the Brand-Dunwoody Mlg. Co.—Stauffer, Cammack Grain Co., Columbus.

Penalosa, Kan.—R. D. Hagadorn has resigned as mgr. of the Farmers Elvtr. Co. at Gaylord to take charge of the recently acquired elvtr. of the Farmers Union Grain & Mercantile Co.

Holyrood, Kan.—Sherman Andrea, mgr. of the Holyrood Grain & Supply Co., contemplates the erection of an elvtr. on the extension of the Santa Fe, west of this town.—E. A. Sullivan.

Columbus, Kan.—We have taken down our old frame elvtr., which was built 30 years ago, and have erected a grain and feed warehouse of 30 cars capacity.—Stauffer, Cammack Grain Co.

Dorrance, Kan.—Work is being rushed on the 20,000-bu. elvtr. for which the Wilson Mill & Elvtr. Co. let contract to the White Star Co. It will be finished to handle the new wheat crop.

Harper, Kan.—Arthur Fisher, mgr. of the Farmers Elvtr. Co., was seriously injured recently when a lift weight fell a distance of 30 ft., striking him on the side of the head. His condition is improving.

Scammon, Kan.—We are moving our elvtr. from Mineral to this station. Improvements will be made in the building, which has a capacity of 8,000 bus.—Stauffer, Cammack Grain Co., Columbus.

Sharon, Kan.—We have purchased from the Hunter Mlg. Co., of Wellington, a 6,000-bu. elvtr. here, which has been placed in first-class condition. The warehouse capacity will be more than doubled.—Attica Mills, Attica.

Potter, Kan.—Repairs will be made on the elvtr. which Jas. Robinson purchased from Wm. Ode & Co. and also on the old house which he has been operating at this station. Both structures will be placed in first-class condition.

La Cygne, Kan.—I am completing, on private ground adjoining the railroad right-of-way, a 40x100-ft. building for a general store room for seeds, grain and hay for retail trade. Storage for 5 cars of concrete material has been provided on the side track near the elvtr.—W. J. Dyer.

Kiowa, Kan.—Work is progressing rapidly on our new reinforced concrete elvtr. The foundation has been completed, forms are in place and concrete is being poured for the partition walls and the working floor. The building will be entirely of concrete and steel.—O. K. Co-operative Grain & Mercantile Co.

Hallville, Kan.—The 10,000-bu. elvtr., which the Farmers Elvtr. Co. of Assaria is building on the Mo. Pac. at this point, will be ready for operation Aug. 15. It will be managed by Mrs. K. L. Peterson under my selling orders. Equipment includes a Howe Wagon Scale, 1,000-bu. Richardson Automatic Scale, 600-bu. cleaner, spout holder and manlift.—John E. Hughes, mgr. at Assaria.



## HUTCHINSON LETTER.

The L. H. Pettit Grain Co. is excavating for its new 100,000-bu. elvtr.

The Miller-Stevenson Grain Co. has brought suit against the Farmers National Bank to recover \$16,133.16 for alleged manipulation of paper in collusion with an officer of plaintiff company.

The O. K. Grain Co. is being continued under new management. Gus Oswald, pres., has been identified with the company for 14 years and as he spends most of his time on the road the management has been placed in the hands of R. W. Vance, who has been sec'y of the Kansas Grain Co. for the past 6 years.

## WICHITA LETTER.

The up-town grain office of the Imboden Mfg. Co. has been discontinued.

The 1,200,000-bu. elvtr., under construction for the Wichita Terminal Elvtr. Co., is nearing completion.

The Anderson Grain Co. has brought suit for \$3,500 against Geo. F. Wilson, owing to the failure of the management to deliver wheat purchased from him by the grain company.

The International Wheat Show, which will be held here Oct. 8, 9, 10 and 11, according to present plans will be made a means of disseminating thruout the middle west the government's plans for increased crop production.

## KENTUCKY

Hawesville, Ky.—The Hawesville Elvtr. Co. has applied to the city council for permission to rebuild its elvtr., which burned July 2.

Eminence, Ky.—The Henry County Elvtr. Co. incorporated; capital stock, \$20,000; incorporators, Robert R. Giltner, pres., Frank C. Giltner and W. H. Giltner. The company writes that it is building a new hollow tile elvtr., which will be ready to receive grain by Aug. 1. There are 6 tanks holding about 40,000 bus. The machinery is furnished by the Robinson Mfg. Co. and consists of cleaning machines, weighing and bagging machines, elvtrs., conveyors and manlift. Electric motors will furnish the power.

## LOUISIANA

New Orleans, La.—E. H. Linzee, grain inspector of Oklahoma City, Okla., has been appointed federal supervisor of grain inspection for this district.

## MARYLAND

### BALTIMORE LETTER.

The firm of Henry E. Wack & Co. has been incorporated with a capital stock of \$25,000, to do a receiving and exporting business in wheat and other grains. Henry E. Wack is pres. and mgr. Offices have been established in the Vickers Bldg.—E.

Our Mr. George Somerville Jackson, who has been a partner of this firm over 25 years, has retired for the present from membership and from all grain business in order to accept a position offered him by Herbert C. Hoover. The firm continues in business, as usual, in the receiving, handling and exportation of grain and flour, after an existence of nearly 50 years. —Gill & Fisher

## MICHIGAN

Allegan, Mich.—The Allegan Mfg. Co. is building an addition to its plant.

Fostoria, Mich.—E. R. Stiles will install a Hall Signaling Grain Distributor in his elvtr.

Lakeview, Mich.—Work is progressing on the elvtr. under construction for George Ferris.

Harbor Beach, Mich.—T. Dalley has succeeded E. Dell as agt. of the Michigan Bean Co. here.

South Lyons, Mich.—I am operating the elvtr. which I purchased from the J. D. McLaren Co.—C. L. Bailey.

Woodland, Mich.—I have moved back from Harbor Beach and am now with Smith Bros., Velte & Co. here.—E. Dell.

Bad Axe, Mich.—A. R. Thomas is still mgr. of the Farmers Elvtr. & Produce Co. J. Bernard Ahern has secured a position with the company.—N.

Grand Rapids, Mich.—The Lewellyn Bean Co. has let contract for a 40,000-bu. elvtr. to be completed in time for this year's crop at a cost of \$30,000.

Escanaba, Mich.—We have just finished a new grain and hay warehouse here which will greatly facilitate our handling of grain, etc.—Hewett Grain & Provision Co.

Romulus, Mich.—The elvtr. property was sold by the receiver of the defunct J. D. McLaren Co. to Kingsley & Taylor, but the sale has not as yet been confirmed by the court.

Iron River, Mich.—We have just completed and moved into a new warehouse here. This is a branch of our Escanaba business.—Hewett Grain & Provision Co., Escanaba.

Corunna, Mich.—The recently incorporated Farmers Elvtr. Co. is overhauling and placing a new foundation and basement under the elvtr. which it purchased from A. W. Green.

Dimondale, Mich.—Work is progressing on the 15,000-bu. elvtr. which George W. Elliott, of De Witt, is building on the Lake Shore R. R. to replace the one which burned about 2 years ago.

Carson City, Mich.—The recently incorporated Inter County Elvtr. Co. is building an elvtr. at a cost of \$20,000. It will be operated under lease by the Lewellyn Bean Co., of Grand Rapids, a branch of the Armour Grain Co.

Detroit, Mich.—On account of the urgent requests of representatives of the Board of Trade the Michigan Central R. R. has reconsidered its determination to take down its Elvtr. "B," in line with the food conservation campaign.

Newaygo, Mich.—We are building a 10,000-bu. up-to-date wooden elvtr. and concrete warehouse for produce. The building, which is 30x65 ft., will provide storage for 10 cars of potatoes and 10 cars of hay. It will be finished this fall.—J. Harrison Edwards.

## MINNESOTA

Shevlin, Minn.—I have installed a cleaner in my elvtr.—O. E. Peterson.

Castle Rock, Minn.—The Farmers Elvtr. Co. is enlarging its coal sheds.

Brownston, Minn.—Robert Zander is now mgr. of the Farmers Elvtr. Co.

Edmore, Minn.—The Farmers Elvtr. Co. has built an addition to its elvtr.

Eden Valley, Minn.—Farmers are planning to operate an elvtr. at this station.

Good Thunder, Minn.—The Farmers Elvtr. Co. is short \$19,000 in its accounts.

Hutchinson, Minn.—The elvtr. of Miller Bros. is closed during the dull season.

Nashua, Minn.—A new leg and pit will be installed in the elvtr. of the Farmers Elvtr. Co.

Vermillion, Minn.—J. W. Werner has a new 20,000-bu. elvtr. in operation at this station.

Annandale, Minn.—J. H. Bahti is mgr. of the recently acquired elvtr. of the Farmers Elvtr. Co.

Donnelly, Minn.—L. F. Hodgson has been retained as mgr. of the Farmers Elvtr. Co. for another year.

Storden, Minn.—Chris Larson has been retained for another year as mgr. of the Storden Grain Co.

Langdon, Minn.—W. O. Vershow is now grain buyer at the 60,000-bu. elvtr. of Woodward & Son.

Northfield, Minn.—C. D. Orr is installing concrete coal bins in the coal sheds in connection with his elvtr.

Tintah, Minn.—W. C. White has been retained as mgr. of the Farmers Elvtr. Co. at an increased salary.

Clearbrook, Minn.—Albert Henderson has been retained as mgr. of the Farmers Elvtr. Co. for another year.

Wendell, Minn.—The elvtr. of the Farmers Elvtr. & Supply Co. has been repaired and reopened for business.

Litchfield, Minn.—Elmer Evenson has been retained as mgr. of the Independent Elvtr. Co. for another year.

Fairfax, Minn.—Ernst Hagg has been retained as mgr. of the Farmers Grain & Stock Co. at an increased salary.

Beaver Creek, Minn.—G. Callan has purchased an interest in the elvtr. here and will take charge of the business.

Shakopee, Minn.—The Farmers Elvtr. Co. has filed a petition for dissolution of the company. Its elvtr. burned Apr. 26.

Magnolia, Minn.—Repairs are being made on the elvtr. of the H. Poehler Co. and it will be reopened for business.

Hardwick, Minn.—John Mannigel has resigned as agt. of E. A. Brown and will go to Luverne to buy grain for J. P. Coffey.

Park Rapids, Minn.—The Park Rapids Fuel & Supply Co. has purchased the business of the Park Rapids Mill & Elvtr. Co.

Gaylord, Minn.—The Pacific Elvtr. Co. has replaced its elvtr., which burned last winter, with a larger and more up-to-date house.

Bird Island, Minn.—General repairs are being made on the elvtr. of the Farmers Elvtr. Co. D. F. Hoag & Co. have the contract.

Lorne, Minn.—The New London Mfg. Co. is taking down its elvtr., which will be moved to another station. D. F. Hoag & Co. are doing the work.

Gaylord, Minn.—I am operating the elvtr. which I recently purchased from the Great Western Grain Co., under the name of the Geib Elvtr.—Jacob Geib.

St. Paul, Minn.—C. C. Chamber & Co. will increase the capacity of the elvtr. which they purchased from the Pioneer Grain Co. about 40,000 bus.

Henning, Minn.—The Farmers Elvtr. Co. incorporated; capital stock, \$10,000; incorporators, J. M. Hursh, pres., Geo. A. Paulson, treas., and C. G. Hipple, sec'y.

Middle River, Minn.—The Red Lake Falls Mfg. Co. is building a 25,000-bu. elvtr. to replace its house, which burned June 21. D. F. Hoag & Co. have the contract.

Waubun, Minn.—C. E. Keltý has bought the interest of H. A. Krostue in the Waubun Elvtr. Co. Repairs will be made on the elvtr. and new machinery will be installed.

Grand Meadow, Minn.—Theo. Bratrud has succeeded me as mgr. of the Farmers Grain Co. and I will take over the A. L. Tollefson Estate at St. Ansgar, Ia., which I recently bot.—E. G. Ely.

Warroad, Minn.—We are in no way connected with the Warroad Stock, Grain & Products Co., which is a new incorporation established by an old firm, selling flour and feed.—Geo. Marvin, mgr. Warroad Grain & Seed Co.

Triumph, Minn.—The fireproof elvtr., for which the Farmers Elvtr. Co. recently let contract to D. F. Hoag & Co., will be equipped with a Howe Dump Scale, dump, Howe-Sonander Automatic Scale, steel legs and steel manlift.

Stewartville, Minn.—Work is progressing on the elvtr. which the Farmers Elvtr. Co. is building to replace its old house. Equipment includes 2 legs, Richardson Automatic Scale, Fairbanks Dump Scale, engine and Clipper Cleaner. D. F. Hoag & Co. have the contract.

Evan, Minn.—During a storm June 22 lightning struck the elvtr. of the Eagle Roller Mill Co. The building was destroyed by the resultant fire and burning fragments from it caused the destruction of my elvtr., which contained no grain. Loss, \$3,400; insurance, \$1,500. I will erect a 15,000-bu. house, equipped with Fairbanks-Morse machinery, to replace it.—A. Mowrey, prop. Farmers Exchange.



Byron, Minn.—T. O. Distad is installing a new set of dump scales and is building a new driveway at his recently acquired elvtr., which is being operated as the Distad Independent Elvtr. It was formerly owned by the Atlas Elvtr. Co.—Obert Distad, mgr.

#### DULUTH LETTER.

The Board of Trade has placed a maximum price of \$3.30 on flaxseed for October and November delivery.

Sterling H. How is now associated with the Woodward-Newhouse Co. He has applied for membership in the Board of Trade on transfer from H. C. Olson.

Frank H. Higgins, who has been in charge of the office of the Salyards Grain Co. at Minneapolis, has been transferred to the company's office at this place.

Edward Totman, R. M. White, H. E. Emerson and J. A. Butler have been admitted to membership in the Board of Trade. The memberships of George F. Briggs, James T. Rose, Frank W. Falk, H. J. Nicolin and A. W. Withrow have been withdrawn.

To comply with the new federal grades, the Board of Trade on June 21 adopted the following contract grades: No. 2 northern spring contract grade, with No. 1 dark northern spring, No. 1 northern spring, No. 1 red spring and No. 2 dark northern spring, deliverable without penalty; and No. 2 red spring, No. 3 dark northern spring, No. 3 northern spring, No. 1 dark hard winter, No. 1 hard winter, No. 2 dark hard winter and No. 2 hard winter, deliverable at a penalty of 5c per bu. Durum wheat—No. 2 durum contract grade, with No. 1 amber durum, No. 1 durum and No. 2 amber durum, deliverable without penalty; and No. 3 amber durum and No. 3 durum, deliverable at a penalty of 5c per bu. Flaxseed—No. 1 flaxseed contract grade, with No. 1 flaxseed of Canadian growth, deliverable without penalty.

#### MINNEAPOLIS LETTER.

B. P. Munson, who succeeded Cassidy & Munson, failed recently.

The International Cereal Co. has let contract for a 5-story cereal mill.

The Washburn-Crosby Co. will build an addition to its Elvtr. "A" at a cost of \$6,500.

E. E. Hancock, sec'y of the Salyards Grain Co., is now in charge of the office at this place.

The George C. Bagley Elvtr. Co. contemplates the erection of a new elvtr. to replace Elvtr. "X", which burned June 16.

The McLaughlin Grain Co., incorporated; capital stock, \$100,000; incorporators, Walter S. McLaughlin, H. Douglas McLaughlin and others.

The Godfrey-Blanchard Co. has been organized, to engage in the grain merchandising business, with offices in the Chamber of Commerce Bldg. Le Roy D. Godfrey, for the past 13 years with the Van Dusen-Harrington Co., is pres., Guy Blanchard, sec'y, and Rufus J. Godfrey, treas. of the company, which has been incorporated, with a capital stock of \$100,000.

The membership in the Chamber of Commerce of F. S. Winton has been posted for transfer to Le Roy D. Godfrey. The following memberships have been transferred: From A. M. Midwood to R. G. Sims, G. F. Briggs to Miles L. Kane, F. M. Turnbull to L. W. McNamee, A. Rothschild to Chas. O. Larson, O. F. Olson to James C. Garrick, O. T. Newhouse to F. R. Barber, Jr., D. M. Countryman to Ernest W. Dittes, George J. Reed to F. S. Funke and the estate of N. Olson to W. H. McWilliams. Membership privileges have been granted to the Canadian Elvtr. Co., Ltd.

#### MISSOURI

Concordia, Mo.—J. S. Klingenberg & Son are building an addition to their elvtr.

Dexter, Mo.—The Sikes-McMullin Grain Co., of Sikeston, is building an elvtr. here.

Clarksdale, Mo.—The Helm Grain Co., of St. Joseph, has just completed an elvtr.

Pickering, Mo.—The Leet Grain Co. will handle coal in connection with its elvtr.

Wakenda, Mo.—The Wakenda Elvtr. Co. is making extensive improvements in its elvtr.

Greenfield, Mo.—Farmers are forming a company, with a capital stock of \$10,000, to build an elvtr.

Corning, Mo.—A. J. Roselms is pres. and J. D. Ahrens is mgr. of our company.—Farmers Grain Co.

Westboro, Mo.—Henry Bullerdiek has succeeded A. F. Johnson as mgr. of the Farmers Elvtr. Co.

Calhoun, Mo.—The Farmers Co-operative Co. has been incorporated with a capital stock of \$6,000.

Camden, Mo.—The R. V. Seward & Sons Grain Co. has practically completed its new elvtr. and warehouse at this station.

Brunswick, Mo.—Tony Miller, of this place, and C. F. McAfee, of Moberly, will build a grain loading station, of 1,000 bus. per hour capacity.

Craig, Mo.—I am now mgr. of the Farmers Elvtr. Co., succeeding F. M. Ward, who has secured a position with a St. Louis firm.—E. L. Gaffney.

Salisbury, Mo.—J. E. Newby, formerly prop. of an elvtr. at Clifton Hill, has bot the interest of J. M. Mason in the elvtr. and mill of the Salisbury Mfg. Co.

Golden City, Mo.—The recently organized Farmers Elvtr. Co., which has a capital stock of \$10,000, has leased a site for the erection of an elvtr. to handle this season's crop.

Pierce City, Mo.—Elmer H. Watson is now mgr. of the Pierce City Grain & Elvtr. Co., succeeding J. H. Solomon, who resigned to become grain buyer for the J. W. Vance Mfg. Co.

Odessa, Mo.—The Southwestern Lafayette Country Farm Club incorporated to handle grain, feed, live stock and coal; capital stock, \$5,000; incorporators, Port Bennett, pres., and others.

#### KANSAS CITY LETTER.

F. O. Zimmerman is now associated with the Orthwein-Matchette Co.—K.

Arthur Evans, formerly a member of the Board of Trade, is now with the Bruce Bros. Grain Co.

The S. H. Miller Grain Co. has succeeded the Fox-Miller Grain Co., effective July 23.—S. H. Miller, pres.

David Heenan, cash grain buyer for the Neola Elvtr. Co., has applied for membership in the Board of Trade on transfer from Kay H. Beach. The price of the membership was \$7,000, including the transfer fee of \$500.

The Schreiber Hay & Grain Co. has bot the 50,000-bu. elvtr. in the west bottoms from the Russell Grain Co., which has discontinued its city feed business. It will continue to receive and ship carlots of grain and hay and will move its office from the elvtr. to the Board of Trade Bldg.

On July 28 the members of the Kansas City Board of Trade will vote on a proposed amendment giving the directors power to prohibit trading in futures on any commodity in war time, including trading in settlement of any then existing future contracts. The amendment would give power to a com'te to fix settlement prices on such products prohibited. It would only be applicable in time of war.

#### ST. JOSEPH LETTER.

D. L. Boyer, sec'y of the Missouri Grain Dealers Ass'n, is making preparations to move his headquarters to Mexico, Mo.

The Schreiber Mfg. & Grain Co. incorporated; capital stock, \$100,000; incorporators, Ira S., C. T. & A. B. Schreiber.

Allen T. West has been promoted from ass't sec'y to sec'y of the Grain Exchange, succeeding John M. Flynn, who resigned to take care of his private business.

I came here as buyer for the new Larabee Mill, known as the Missouri River Mills Co. We tried to incorporate under the name of the Missouri Valley Grain Co., but found that it conflicted with other names and then made it the Holdridge Grain Co. We will do a general grain business in addition to buying wheat for the new mill when completed.—F. G. Endelman, pres.

#### ST. LOUIS LETTER.

The Annan-Burg Mfg. & Grain Co. has increased its capital stock from \$50,000 to \$100,000.

I am now in charge of the cash grain dept. of E. Lowitz & Co. at this place.—Ed. Hasenwinkle.

The rules com'te of the Merchants Exchange at a meeting July 13 decided to estimate the dockage on the gross weight of the grain. The com'te will prepare a suitable rule or regulation covering the question, which will be voted upon by the members of the Exchange.

#### MONTANA

Roy, Mont.—The elvtr. of the Equity Elvtr. Co. is nearing completion.

Williams, Mont.—The Rocky Mountain Elvtr. Co. has let contract for a 25,000-bu. elvtr.

Bynum, Mont.—The Equity Co-operative Ass'n has bot the coal business of M. T. Crawford.

Fife, Mont.—The Rocky Mountain Elvtr. Co. has let contract for a 25,000-bu. elvtr. at this station.

Rosebud, Mont.—Harry Thomas is building a 35,000-bu. elvtr., equipped with a 75-h. p. engine.

Glasgow, Mont.—A. Grinder, formerly of Wendell, Minn., is now with the Imperial Elvtr. Co. at this place.

Mondak, Mont.—The Occident Elvtr. Co. discontinued the grain business here when its elvtr. burned July 9.—P. M.

Roberts, Mont.—The Treasure State Grain & Seed Co., of Billings, has built an elvtr., on the Red Lodge branch.

Billings, Mont.—The Treasure State Grain Co. has let contract for the erection of 4 elvtrs. at stations in Montana.

Aloe, Mont.—The Montana Emporium Co., of Galata, will build a 30,000-bu. elvtr. here if sufficient funds can be raised.

Forest Grove, Mont.—Lee Whorley, of Emmetsburg, Ia., is the new mgr. of our company.—Equity Co-operative Ass'n.

Winifred, Mont.—The Equity Co-operative Ass'n has let contract for a 200-bbl. flour mill in connection with its elvtr.

Cordova sta. (Plummertown p. o.), Mont.—Contract for a 25,000-bu. elvtr. has been let by the Rocky Mountain Elvtr. Co.

Geraldine, Mont.—The Farmers Elvtr. & Mfg. Co., of which C. Shannon is mgr., is preparing to install a 100-bbl. flour mill.

Boyd, Mont.—We have erected an elvtr. at this point, on the Red Lodge branch.—Treasurer State Grain & Seed Co., Billings.

Fife, Mont.—Work is progressing on the elvtr. which the Farmers Elvtr. Co. is building to replace the one, which burned Mar. 30.

Cordova sta. (Plummertown p. o.), Mont.—The Anderson Grain Co. has let contract for a 25,000-bu. elvtr.—G. B. Plummer, mgr.

Terry, Mont.—The Occident Elvtr. Co. will start the erection of an elvtr. at an early date. This will make 4 elvtrs. for this station.

Hobson, Mont.—The Judith Mfg. Co. has a new 25,000-bu. elvtr., on the G. N. R., and will build a 125-bbl. mill. W. J. Davidson is mgr.

Plains, Mont.—George C. Gregory, formerly of Spokane, Wash., has bot the 15,000-bu. elvtr. and flour mill, which Francis Huot has been operating under the name of the Plains Flour Mill. A new warehouse will be built and additional grain handling machinery will be installed.



Fox, Mont.—We have completed the elvtr. on the Red Lodge branch, for which we recently let contract.—Treasure State Grain & Seed Co., Billings.

Sweetgrass, Mont.—The Montana Emporium Co., of Galata, has let contract for a 30,000-bu. elvtr., equipped with grain cleaning and feed grinding machinery.

Morse sta. (no p. o.), Mont.—S. Searce, of Ronan, has secured a site for an elvtr. on the new line which the Northern Pacific Ry. Co. is building from Dixon to Polson.

Hedges sta. (Hedgesville p. o.), Mont.—The Farmers Grain Co. operates the only elvtr. at this point. The State Elvtr. Co. has a site but has not built an elvtr. as yet.—X.

Ravalli, Mont.—The court has appointed John R. Campbell, lawyer of Missoula, receiver of the Reservation Farmers Grain Co., which operated an elvtr. here and one at Dixon.

Drummond, Mont.—We commenced work June 29 on a 30,000-bu. elvtr., on the C. M. & St. P. R. R., and it will be completed Sept. 1.—J. C. Dooley, sec'y Equity Co-operative Ass'n.

Tiber, Mont. — A 30,000-bu. elvtr., equipped with feed grinding machinery, will be erected this summer by the Montana Emporium Co., of Galata. Contract has already been let.

Kingmont sta. (Baker p. o.), Mont.—The elvtr. of the Geo. C. Bagley Elvtr. Co., on the Milwaukee, which is the only elvtr. at this station, is closed at present.—Agt. Geo. C. Bagley Elvtr. Co., Baker.

Ronan, Mont.—S. Searce, of this place, A. M. Sterling, and the Montana Central Elvtr. Co. have secured sites for elvtrs. on the new line which the Northern Pacific Ry. Co. is building to handle this season's crop.

Toston, Mont.—The State Elvtr. Co. has placed R. M. O'Hearn in charge of the elvtr. which it purchased from the Toston Realty & Sales Co. F. W. Langer is mgr. of the new elvtr. of the Equity Co-operative Ass'n.—X.

Charlott sta. (no p. o.), Mont.—Elvtrs. will be built by S. Searce, of Ronan, Beckworth Bros., and the Montana Central Elvtr. Co. on the new line which the Northern Pacific Ry. Co. is building from Dixon to Polson.

Nora, Mont.—The Nora Farmers Elvtr. Co. of Lake Basin has let contract for a 40,000-bu. elvtr., coal shed and flour and feed warehouse, on the Northern Pacific, to cost about \$15,000. Thomas Harrison, Broadview, is pres. of the company.

Dixon, Mont.—Stanley Searce, of Ronan, has purchased and opened for business the elvtr. operated last year by the defunct Reservation Farmers Grain Co. The house was closed some months ago on account of the financial difficulties of the company.

Flathead sta. (Ravalli p. o.), Mont.—Sites for elvtrs. have been granted to S. Searce, of Ronan, L. Shepard and the Montana Central Elvtr. Co. on the new line which the Northern Pacific Ry. Co. is building. It will be completed to handle this season's crop.

Hingham, Mont.—The 18-bin 35,000-bu. up-to-date elvtr. under construction for the Imperial Elvtr. Co., on the Great Northern, is practically completed. T. E. Ibberson has the contract. Part of the material has been unloaded for the proposed elvtr. of the Imperial Elvtr. Co. and the farmers are considering the erection of another elvtr. which will give this station 6 elvtrs.

Livingston, Mont.—The Park County Mlg. Co.'s new 225-bbl. flour mill will soon be in operation. Mgr. M. L. Bateman hopes to obtain so many orders that the capacity will be doubled next year. A 60,000-bu. elvtr. is being erected 20 ft. from the mill building, which has a heavy solid concrete wall on the elvtr. side. Two concrete tanks will be built between the mill building and the elvtr.

Shelby, Mont.—Work is progressing on the 30,000-bu. up-to-date elvtr., on the Great Northern, for which the Equity Co-operative Ass'n recently let contract. Equipment includes a cleaner, 8-ton Howe Scale, Richardson Automatic Scale, Richardson Attrition Mill, 25-h. p. engine, 2 legs and manlift. The grinding room will have several small bins.

Canyon Creek, Mont.—In the suit brot by the Canyon Creek Elvtr. & Mlg. Co. against W. A. Allison to recover the value of one share of capital stock in the company, the Supreme Court of Helena reversed the judgment of the District Court, given May 31, in favor of the plaintiff. Allison subscribed for the stock but refused to pay upon the grounds that the contract had not been complied with providing for the inspection of the plant after it was in operation by a com'te of stockholders. Justice Holloway dissented upon the grounds that Allison's objection is purely technical and he did not find fault with the com'te that was appointed in an informal manner.

## NEBRASKA

Elk Creek, Neb.—Farmers are organizing an elvtr. company.

Albion, Neb.—The Farmers Elvtr. Co. is repairing its lumber shed.

Bradshaw, Neb.—J. H. Currie is giving his elvtr. a general overhauling.

Clay Center, Neb.—Groton Roth has bot the elvtr. of the Updike Grain Co.

Norfolk, Neb.—The Farmers Grain & L. S. Co. is building an office building.

Superior, Neb.—W. P. Long, of the Nye Schneider Fowler Co., died recently.

Shelby, Neb.—My new 30,000-bu. elvtr. is now in operation.—A. C. Dunning.

Randolph, Neb.—The Dolphin-Jones Grain Co. has erected a 25,000-bu. elvtr.

Raymond, Neb.—Repairs are being made on the elvtr. of the Farmers Grain Co.

Dunbar, Neb.—An elvtr. will be erected on the Burlington by the Farmers Union.

Marion, Neb.—The Equity Elvtr. Co. has repaired its elvtr. G. H. Birchard did the work.

Lynch, Neb.—Henry Ira, an employe of the Nye Schneider Fowler Co., died recently.

E. A. Sullivan is now associated with the Vanderslice-Lynds Co., of Kansas City, Mo.

Agnew, Neb.—W. G. Severs is now in charge of the elvtr. of the Nebraska Elvtr. Co.

Leigh, Neb.—The elvtr. of the Nye Schneider Fowler Co. was recently struck by lightning.

Bruning, Neb.—M. A. Osborn, of Haxley, Colo., has bot the grain and coal business of C. J. Miles.

Belden, Neb.—A new engine has been installed in the elvtr. of the McCaull-Webster Elvtr. Co.

Hordville, Neb.—M. Sheppard succeeded Wm. Wright on July 1 as agt. of the T. B. Hord Grain Co.

Crofton, Neb.—The John F. Westrand, Co., of Laurel, has taken over the elvtr. of Henry Roberts.

Overton, Neb.—The Trans-Mississippi Grain Co. is making repairs and improvements in its elvtr.

Rogers, Neb.—The elvtr. under construction for the Wells Abbott Neiman Co. is nearing completion.

Raeville sta. (no p. o.), Neb.—A site has been secured for an elvtr. at this point, according to report.

Beaver Crossing, Neb.—Archie Reed is now working in the elvtr. of the Nye Schneider Fowler Co.

Inland, Neb.—The recently incorporated Farmers Elvtr. Co. has purchased the elvtr. of the Nebraska-Iowa Grain Co.

Eagle, Neb.—The Farmers Union Ass'n has completed its new elvtr.—W. L. Hand, mgr. Farmers Grain & Stock Co.

Callaway, Neb.—C. F. Brabbham is again agt. of the Trans-Mississippi Grain Co., succeeding J. B. Gilmore, resigned.

South Ravenna (Ravenna p. o.), Neb.—John H. Hughes, prop. of an elvtr. at this station, died July 13, aged 63 years.

Fordyce, Neb.—The John F. Westrand Co., of Laurel, has purchased the elvtr. formerly operated by Henry Roberts.

Rising City, Neb.—The Dawson Grain Co. has overhauled an old elvtr. and reopened it for operation.—O. M. Blevins, agt.

Waverly, Neb.—We are building coal sheds in connection with our elvtr.—W. L. Hand, mgr. Farmers Grain & Stock Co.

Pickrell, Neb.—J. R. Wilson has been retained as sec'y and mgr. of the Farmers Elvtr. Co. Roy Wilson will be his ass't.

Virginia, Neb.—Walter McVey fell 25 or 30 ft. in the elvtr. of the Wright-Leet Grain Co. and narrowly escaped death.

Rising City, Neb.—Work is progressing on the elvtr. which C. B. Barker is building to replace the one destroyed by fire in May.

Kenesaw, Neb.—Otto Moritz, sec'y and mgr. of the Kenesaw Mill & Elvtr. Co., was married June 28 to Miss Ruby Wilson, of Harvard.

Shubert, Neb.—The recently organized Farmers Elvtr. Co. has bot the elvtr. of Richard Curtis and has placed P. W. Carr in charge.

Ceresco, Neb.—The Farmers Union Elvtr. Co. is building an addition to its office to be used as a store room for flour and other commodities.

Ravenna, Neb.—Complete new equipment is being installed in the elvtr. of the Ravenna Mills, including a Hall Signaling Grain Distributor.

Dakota City, Neb.—The Slaughter-Burke Elvtr. Co. is remodeling the office building and scales and making extensive improvements in its elvtr.

Hebron, Neb.—Ralph Butler is now mgr. of the Farmers Elvtr. Co., succeeding Hubert Harding, who has bot an elvtr. at Rock Creek, Kan.

Hampton, Neb.—J. M. Cox & Son are taking down their old elvtr. and have let contract to W. H. Cramer for an up-to-date house to replace it.

McCool Junction, Neb.—We have just completed a 14x112-ft. coal shed, with cement floor.—J. E. Finney, mgr. Farmers Union Co-operative Ass'n.

Barneston, Neb.—J. Goehring, agt. of the elvtr. of the Estate of H. H. Norcross, had his nose broken recently when he was thrown out of an automobile.

Cortland, Neb.—C. S. Coffey has succeeded Chas. Sackett as agt. of the Central Granaries Co. and Mr. Sackett has taken Mr. Coffey's place at Adams.

Bradshaw, Neb.—Wm. De Bond, mgr. of the Farmers Elvtr. Co. for the past 2 months, has resigned and returned to York. J. C. Kennedy is temporarily in charge.

Dalton, Neb.—Material is now on the ground for the 25,000-bu. addition to the elvtr. of the Farmers Elvtr. Co. The R. M. Van Ness Construction Co. has the contract.

Lawrence, Neb.—Theo. Schultz, of Rosemont, has bot the elvtr. on the Missouri Pacific and taken away the south wing preparatory to building an annex to the house.

Shelby, Neb.—Our elvtr. has been overhauled and an electric motor installed. F. M. Seiber is the new mgr. of the Shelby Grain Co.—G. E. Blevins, agt. Dawson Grain Co.

Barneston, Neb.—The Farmers Grain Co. has completed the elvtr. for which it let contract to the R. M. Van Ness Construction Co. A coal shed is now being built in connection.

Scribner, Neb.—Thomas Charles is now agt. of the Crowell Lumber & Grain Co., succeeding Ernest Dau, who has been promoted to the position of auditor. Edward Dau will assist Mr. Charles in the elvtr. here.



Lodge Pole, Neb.—The Farmers Union Elvtr. Co. will enlarge its elvtr., build additional coal bins and purchase a larger engine. A Hall Signaling Grain Distributor will be installed.

Cedar Bluffs, Neb.—The Farmers Union Co-operative Ass'n on June 1 succeeded the Farmers Co-operative Ass'n. It did not buy a lumber yard as was recently reported.—E. F. Peck, mgr.

Wilsonville, Neb.—The J. W. Anderson Grain Co., of Holdrege, which bot our line of elvtrs. at this place, Hendley, Shippee and Lebanon, will probably make repairs on each house.—S. A. Austin.

Randolph, Neb.—The Slaughter & Burke Co., of Sioux City, Ia., has bot the interest of Fred Schroeder in the elvtr. of Frost & Schroeder. Mr. Frost will retain his interest and will have charge of the business.

McCook, Neb.—The old elvtr. of the Farmers Elvtr. Co. burned recently, together with about \$4,000 worth of grain, feed and flour. The loss is covered by insurance. A new building will be erected on the site.

Elm Creek, Neb.—The Elm Creek Grain & Hay Co. incorporated; incorporators, Chester P. Pederson, pres.; S. A. Sutton, vice-pres., and E. L. Sutton, sec'y-treas. The company recently bot the elvtr. of the Omaha Elvtr. Co.

Decatur, Neb.—Hugh Gallup has moved his elvtr. back from the Missouri River because the rushing stream cutting at the bank was threatening the property. He is now constructing a tramway on which to haul his grain to the boats.

Superior, Neb.—The new 60,000-bu. elvtr. and mill of the Superior Corn Products Co. will be completed in about 3 months. Corn will be ground and corn chop and hominy feed manufactured for western feeding trade.—B. H. Henley, mgr. at Hastings.

Barneston, Neb.—Otto Schmidt, who is employed on the construction of the new elvtr. of the Farmers Union Elvtr. Co., had his right foot badly cut and some of the small bones broken July 11 when a board which the workmen were hoisting slipped and fell on his foot.

Aurora, Neb.—The T. B. Hord Grain Co., of Central City, has bot and taken possession of the elvtrs. of W. H. Ferguson at this place, Hampton, Phillips and Marquette. Mr. Ferguson will retire from the grain and milling business after about 35 years of active business.

Palisade, Neb.—The Equity Union has let contract for a 30,000-bu. elvtr. on the Burlington, to the R. M. Van Ness Construction Co. The material is on the ground for the house which will be equipped with a Howe Hopper Scale, International Engine, manlift and overflow distributor.

Buda, Neb.—The recently incorporated Farmers Grain Co. of Buda was formed, with a capital stock of \$20,000, to take over the Farmers Grain Co. of Omaha. Some repairs will be made on the elvtr. and flour and feed added to the stock of goods handled. P. Fitzgerald, C. H. Fleming and others are interested in the new company.

Burchard, Neb.—The elvtr. of C. M. Linn, and contents, consisting of about 2 carloads of corn and nearly as much oats, burned July 10. The fire is thot to have been caused by a spark from a passing locomotive. The loss of several thousand dollars is covered by insurance. Mr. Linn lost an elvtr. by fire at Sterling several weeks ago.

Edison, Neb.—W. M. Bruce, of Holdrege, who bot the elvtr. of the E. Stockham Grain Co., has taken down the old house and let contract to I. J. Herring for a new 35,000-bu. elvtr. to be erected on the same site. The building, which will be completed about Aug. 15, will have concrete bottoms thruout and will be equipped with a rope drive, manlift, a 10-h. p. Otto Engine, 5-bu. Richardson Automatic Scale, Howe Wagon Scale, and cleaner for wheat and corn.

Hastings, Neb.—The Superior Corn Products Co., of Superior, has opened new offices here and at Lincoln to take care of its increasing business. B. H. Henley has been appointed mgr. at this place.

#### OMAHA LETTER.

The annual picnic of the Grain Exchange was held July 19 at Carter Lake.

Clyde Moffitt, formerly auditor of the Crowell Lumber & Grain Co., is now at the company's headquarters in this city.

A fine will be imposed on all persons throwing grain on the trading floor of the Grain Exchange according to a rule which went into effect July 16.

On July 10 the directors of the Grain Exchange adopted the following amendments to regulation 9, paragraph 8, of the rules and regulations entitled "Trading Regulations," including sub-divisions (a), (b) and (c), to become effective Aug. 1, 1917: (a) The following commissions shall be charged on all consignments of incoming grain sold on this market, the amount charged not to exceed the maximum, nor be less than the minimum, as hereinafter specified: Wheat—1% of selling price; Maximum 2c per bu., minimum 1c per bu. Rye, barley, ear corn, snapped corn—1% of selling price. Maximum 1½c per bu., minimum 1c per bu. Screenings—1% of selling price; Maximum 2c per bu., minimum 1c per bu. Shelled corn—1% of selling price; maximum 1c per bu., minimum ¾c per bu. Oats—1% of selling price; maximum 1c per bu., minimum ½c per bu. Kafir corn, milo maize, feterita—1% of selling price; maximum 3c per cwt., minimum 2c per cwt. Flax seed—1% of selling price. All other seeds—1½% of selling price. Alfalfa meal—50c per ton. Mill feeds—\$5 per car.

#### NEW ENGLAND

Taunton, Mass.—The Stanley Wood Grain Co. contemplates the erection of an elvtr.

Fitchburg, Mass.—The F. F. Woodward Co. has moved its grain offices to the Fitchburg Savings Bank Bldg.

New Bedford, Mass.—Fire July 8, which started in the south end of the elvtr. of Dieudonne Harbeck, totally destroyed the building, together with several thousand bus. of grain. Estimated loss on the grain, \$15,000; on the building, \$10,000. It is partly covered by insurance.

#### NEW JERSEY

Perth Amboy, N. J.—The firm of A. M. Metzendorf incorporated to deal in grain, hay and feed; capital stock, \$100,000.

#### NEW MEXICO

Clovis, N. M.—The Clovis Mill & Elvtr. Co., in addition to its present elvtr. here, is building a 25,000-bu. elvtr. and 100-bbl. flour mill. The elvtr. will be completed about Aug. 1 and the mill by Sept. 1.

#### NEW YORK

Warsaw, N. Y.—The Warsaw Elvtr. Co. has increased its capital stock from \$50,000 to \$250,000.

Syracuse, N. Y.—The 12th annual convention of the New York State Hay Dealers Ass'n will be held here Aug. 17 and 18.

Malone, N. Y.—The Malone Mfg. Co. incorporated to operate grist mills; capital stock, \$15,000; incorporators, G. W. Northridge, E. D. Maher and E. Glaser.

Rochester, N. Y.—Fire on July 23 completely destroyed the large plant of the Whitney Elvtr. & Warehouse Co., where a large quantity of wheat was stored.

Albany, N. Y.—The Clute Morris Co. incorporated to handle grain and flour; capital stock, \$30,000; incorporators, W. E. Clute, J. M. Morris and C. S. Gladding.

Genoa, N. Y.—The Genoa Supply Co. incorporated to deal in grain, hay, etc.; capital stock, \$5,000; incorporators, Thos. Brogan, Seymour Weaver, of this city, and Chas. J. Hewlitt, of Locke.

#### BUFFALO LETTER.

The Superior Elvtr. Co. has prepared plans for a movable marine tower to be erected at a cost of \$22,000 at the elvtr. on the Buffalo River.

Work is progressing on the enlarging of the concrete elvtr. of the Eastern Mill, Grain & Elvtr. Co. Nearly 2,000,000 bus. capacity is finished, the foundation for the 2,500,000-bu. addition is completed and concrete is now being poured for the bins.

#### NEW YORK LETTER.

William M. Stilwell, representing Clarence C. Perpall & Co., has been reinstated to membership in the Produce Exchange.

Thomas Veitch, retired grain dealer, for many years supt. of the International Grain Elvtr. Co., died recently, aged 62 years.

C. C. Rubins has been appointed local mgr. and Willis F. Rubins, ass't mgr. of Thompson & McKinnon, of Chicago, Ill., having severed their connections with A. O. Slaughter & Co.

William H. Kemp, with his retirement as pres. of the Produce Exchange, has resigned as a member of the co-partnership of Milmine-Bodman & Co. on account of failing health. The remaining partners have reorganized the business which has been in existence since 1861.

#### NORTH DAKOTA

Neché, N. D.—The Farmers Elvtr. Co. is building new coal sheds.

New Salem, N. D.—The Farmers Union has bot the elvtr. of David Dietz.

Grano, N. D.—A large elvtr. will be erected by the Farmers Elvtr. Co.

Minot, N. D.—The Farmers Co-operative Elvtr. Co. is building a warehouse.

Velva, N. D.—Repairs are being made on the elvtr. of the Farmers Elvtr. Co.

Enderlin, N. D.—Carl Lindemann & Son are making improvements in their elvtr.

Max, N. D.—I. L. Berge has repaired his elvtr. and placed it in first class condition.

Temvik, N. D.—A new mgr. will take charge of the elvtr. of the Farmers Elvtr. Co.

Stanley, N. D.—The elvtr. of the Farmers Elvtr. Co. burned recently. Loss, \$20,000.

Glenora sta. (Tyler p. o.), N. D.—The Farmers Elvtr. Co. has let contract for an elvtr.

Sawyer, N. D.—The Osborne-McMillan Elvtr. Co. is building an addition to its elvtr.

Harlow, N. D.—H. B. Blackey has sold his elvtrs. here and at Tilden sta. (Ramsey p. o.).

Glen Ullin, N. D.—Contract for a 40,000-bu. elvtr. has been let by the Glen Ullin Roller Mills.

South Heart, N. D.—The Farmers Grain Co. contemplates the installation of a flour and feed mill.

Sanish, N. D.—The capital stock of the Farmers Elvtr. Co. will be increased from \$10,000 to \$50,000.

Golva sta. (Woodworth p. o.), N. D.—The Golden Valley Elvtr. Co. is building an addition to its elvtr.

Hazelton, N. D.—The Hazelton Grain Co. has let contract for rebuilding its elvtr. to D. F. Hoag & Co.

New Leipsic, N. D.—J. L. Moellendorf has taken over the elvtr. formerly owned by Steinkopf & Rusch.

Elizabeth, N. D.—The Dodge Elvtr. Co. is building a 35,000-bu. elvtr. D. F. Hoag & Co. have the contract.

Richardton, N. D.—Henry Fathman, prop. of an elvtr., has sold his implement business to Lindemann Bros.

McVile, N. D.—Ed Westberg has bot and taken possession of the elvtr. of the McVile Grain & Mfg. Co.

Antelope, N. D.—Our elvtr. has been overhauled this summer.—Frank D. Loveface, agt. Occident Elvtr. Co.



Cleveland, N. D.—M. Simonitsch is making general repairs on his elvtr. D. F. Hoag & Co. are doing the work.

Des Lacs, N. D.—The Farmers Co-operative Elvtr. Co. bot and took possession July 15 of the elvtr. of H. G. Hogy.

Linton, N. D.—The Occident Elvtr. Co. has repaired its elvtr. and built a flour house. D. F. Hoag & Co. did the work.

Loma, N. D.—We have just installed a new cleaner and made other improvements. —L. Hosenev, agt. Woodworth Elvtr. Co.

Beulah, N. D.—The Farmers Elvtr. Co. has let contract for the erection of an elvtr. on the Northern Pacific right-of-way.

Loma, N. D.—The Woodworth Elvtr. Co. has installed a 500-bu. cleaner in its elvtr. —Henry Haugland, agt. Northland Elvtr. Co.

Baxter, N. D.—The name of the Baxter Grain Co. has been changed to the Sorenson Bros. Co. Sam Sorenson will remain as mgr.

Montpelier, N. D.—The Occident Elvtr. Co. has made repairs on its elvtrs. here and at Eldridge. D. F. Hoag & Co. did the work.

Hettinger, N. D.—The Hettinger Mfg. Co. is building a 28,000-bu. elvtr., adjoining its mill on the site of the old elvtr. of Mad-dock & Kain.

Thelan sta. (Golva p. o.), N. D.—The Rocky Butte Farmers Grain Co. has built new coal sheds in connection with its elvtr. at this station.

Dickinson, N. D.—The Russell-Miller Mfg. Co. has made repairs and installed new machinery in its elvtr. D. F. Hoag & Co. did the work.

Park River, N. D.—The Community Flour & Grain Co. incorporated; capital stock, \$25,000; incorporators, S. Currie, Alex Ford and James Pengilly.

Kindred, N. D.—The elvtr. of the Farmers Elvtr. Co. has been overhauled and placed in first class condition. D. F. Hoag & Co. had the contract.

Dunn Center, N. D.—The Farmers Elvtr. Co. has installed new steel boot tanks and made general repairs on its elvtr. D. F. Hoag & Co. did the work.

Hazleton, N. D.—The Occident Elvtr. Co. has built new coal sheds and made repairs on its elvtrs. here and at Temvik. D. F. Hoag & Co. did the work.

Spring Brook, N. D.—The Farmers Elvtr. Co. will let contract for a 30,000-bu. elvtr. Fred Westphal is pres. and E. J. Retzlaff, sec'y and treas. of the company.

Heaton, N. D.—The Monarch Elvtr. Co. has built and is operating a new elvtr., which replaces the one burned last winter. C. E. Bird & Co. had the contract.

Harmon, N. D.—Lightning struck the elvtr. of the Farmers Elvtr. Co. July 19 and the building was burned to the ground. Estimated loss, \$10,000; insurance, \$6,000.

Montpelier, N. D.—The old elvtr. of the Lyon Elvtr. Co., which has been operated by the Occident Elvtr. Co., is being taken down and the material will be shipped to Richardson.

Diesem, N. D.—H. Hennings is my successor as mgr. of the Farmers Elvtr. Co. here and I am now at Jamestown. I intend to take charge of an elvtr. next fall. —R. W. Schoeneman.

Woodworth, N. D.—Martin Sorenson, of Robinson, will manage the elvtrs. which Sorenson Bros. took over at this station and Godwin sta. (Woodworth p. o.). The elvtrs. were formerly owned by Edward Alfson.

Belfield, N. D.—The elvtr. of the Farmers Union Elvtr. Co. was threatened with destruction recently when a small blaze broke out on the roof. It is thot to have been caused by sparks from a passing locomotive.

Dawson, N. D.—The Farmers Elvtr. Co. incorporated; capital stock, \$10,000; incorporators, W. H. Comrie, Fargo; A. A. Comrie, Fargo, and C. A. Cross, of this place. Contract for a 40,000-bu. elvtr. has been let to L. Buege.

Pingree, N. D.—Sorenson Bros. have purchased elvtrs. at this station, Godwin sta. (Woodworth p. o.) and Woodworth. Henry Sorenson, of Sharon, will manage the elvtr. at this place, which was formerly owned by the Pingree Grain & Supply Co.

Michigan, N. D.—The Farmers Elvtr. Co. has been dissolved and the plan of reorganization has been perfected, the new organization being incorporated as the Michigan Farmers Co-operative Elvtr. Co. —J. L. Barney, Mgr.

Starkweather, N. D.—The recently organized Co-operative Elvtr. Co. is overhauling the elvtr. which it purchased from the McLaughlin Elvtr. Co. New coal sheds are being erected and a general grain and coal business will be conducted with H. B. Freeborn as mgr.

Armourdale sta. (Elsberry p. o.), N. D.—I have been elected mgr. and grain buyer for the recently incorporated Armourdale Equity Elvtr. Co. The material for its 35,000-bu. elvtr. arrived July 14. I was agt. of the Northland Elvtr. Co. at this station for 5 years.—Otto Pikkarainen.

Bismarck, N. D.—J. A. McGovern has been appointed deputy state grain inspector by Dr. E. F. Ladd, state grain inspector, and the appointment has been approved by the state railway commission. Mr. McGovern has had 30 years' experience in the elvtr. business in South Dakota.

East Fairview sta. (Fairview, Mont., p. o.), N. D.—The Fairview Farmers Elvtr. Co., which declined to release about \$2,900 worth of grain stored by a Coleharbor patron until the latter made good on some substantial notes, for which he had deposited his storage tickets as security, July 13, was held blameless by the state railway commission, which suggested to the complainant that his case was one for the courts.

Bismarck, N. D.—Fearing for the constitutionality of the clauses which provide for the assessing of a fee for each load of grain or other farm products weighed and graded under North Dakota's new grain grading act, the state railway commission July 12 voted to eliminate that feature of the law until the courts have passed on it. It has been estimated that this grain grading fee would net a revenue of at least \$500,000 per annum, from which the act provided for setting aside 25% each year for the creation of a terminal elvtr. fund. With the elimination of this fee, the act must depend for the payment of inspectors' salaries and other expenses upon the \$10 fee which deputy inspectors are required to produce. It is very doubtful whether this amount will prove sufficient.

## OHIO

Ashland, O.—The Equity Exchange will build a 12,000-bu. elvtr.

Newark, O.—We have succeeded Tenny & Morgan.—Morgan & Roberts.

Holgate, O.—The Holgate Grain & Supply Co. has purchased a Hall Signaling Grain Distributor.

West Manchester, O.—We bot and took possession July 13 of the elvtr. of J. & J. Leas.—Powell Bros.

Toledo, O.—William Emerson Cratz, one of the older members of the Produce Exchange, died recently.

Defiance, O.—The Farmers Co-operative Co. will handle implements in connection with its grain business.

London, O.—P. A. Gallagher has been retained as mgr. of the Farmers Grain & Merchandise Co. for another year.

Celina, O.—The Palmer-Miller Grain Co. has built a large up-to-date elvtr. to replace the one which burned Mar. 27.

Castine, O.—We bot and took possession July 18 of the elvtr. of J. & J. Leas. J. M. Chrismer is in charge.—Powell Bros., Manchester.

Mt. Sterling, O.—The Rife & Morris Co. is making extensive improvements in its elvtr. The building is being raised and new machinery, including a cleaner, will be installed.

Kenton, O.—A scoop shoveler is shipping corn from this station. The regular elvtr. operators are W. B. Gramlich, J. B. Seymour and Mr. Rish.

Convoy, O.—Long and Marshall and the Convoy Equity Exchange are the only regular grain dealers at this station. All others are scoopers.

Boughtonville, O.—Jay Knapp has bot a half interest in the elvtr. of W. W. Firestone and it is now operated under the name of Firestone & Knapp.

Van Buren, O.—The recently organized Van Buren Elvtr. Co. incorporated; capital stock, \$20,000; incorporators, J. W. Shaffer, D. W. Frick and others.

Smithville, O.—H. S. Rutt operates an 8,000-bu. elvtr. and warehouse. The safe in the elvtr. was robbed June 24 of valuable papers and securities.—X.

Blanchard sta. (Dunkirk p. o.), O.—P. W. Breidenbach has taken over the elvtrs. formerly operated by L. B. Einsel at this station and also at Grant sta. (Forest p. o.).

Helena, O.—I am making extensive repairs in the elvtr. which I took over July 1 from the Helena Co-operative Co. When completed it will be an up-to-date plant. —W. J. Wolfe.

Oberlin, O.—The Oberlin Grain & Mfg. Co. incorporated; capital stock, \$35,000; incorporators, George M. Morris, Walter H. Walker and others. An elvtr. and mill will be erected.

Mt. Blanchard, O.—The Farmers Elvtr. Co. has been organized and the elvtr. at this place purchased. Flour, feed, salt, fertilizer and coal will be handled in connection.—W. L. Bristol.

Ostrander, O.—J. A. Hays, senior partner of our firm for about 10 years, died July 15. H. F. Vallance and M. R. Hays will conduct the business under the same name. —Ostrander Elvtr. Co.

Erlin sta. (Fremont p. o.), O.—The recently incorporated Farmers Elvtr. & Supply Co. has bot the elvtr. of the Vickery Grain Co. Albert Binsac has been elected pres. and John A. Stokes, sec'y.

Grelton, O.—The elvtr. of the Toledo Grain & Mfg. Co. was damaged by fire July 13, when the vapor from a can of gasoline exploded. Clark Thomas, mgr., was burned about the head and arm.

Latty, O.—Fred Wickenhiser, mgr. of the elvtr. of John Wickenhiser & Co., and supervisor of other elvtrs. along the Nickel Plate R. R., has enlisted in Company A, Ohio Engineers' Corps. He is now stationed at Camp Perry.

Greenwich, O.—Jay Knapp has bot a half interest in the elvtr. and mill of W. A. Knapp & Son. W. W. Firestone has also purchased a half interest in the plant, which will be operated under the name of Firestone & Knapp.—K.

Wilmington, O.—We are rebuilding our mill into a 25,000-bu. up-to-date elvtr. Equipment includes a new 40-h. p. electric motor, new sheller, corn cleaner, wheat and corn drag, and 2 new elvtrs. It will be ready for the new crop of wheat.—R. P. Barrett, mgr. Wilmington Grain & Mfg. Co.

Cincinnati, O.—The inspection dept. of the Grain & Hay Exchange has removed to rooms adjacent to the Chamber of Commerce in order to provide better facilities. Geo. F. Munson, chief inspector, will continue to make grain tests, while O. Palmer, ass't inspector, and Wm. Crane take care of the hay grading.

Greenville, O.—E. A. Grubbs entertained more than 50 grain dealers and 20 of their ladies at his home July 14. The men assembled in a large tent erected on the lawn to talk over business matters pertaining to the grain trade. O. F. Phillips, federal supervisor of grain inspection, and George F. Munson, chief grain inspector at Cincinnati, O., explained the government requirements in the grading of wheat, moisture content, dockage, etc. After the business session adjourned lunch was served and a pleasant hour spent socially.



## OKLAHOMA

Hydro, Okla.—The Hydro Seed & Grain Co. is erecting an elvtr.

Tipton, Okla.—W. Ray, of Frederick, contemplates the erection of an elvtr.

Enid, Okla.—A. K. Callahan has been granted a federal license to inspect grain.

Wetumka, Okla.—Martin Moore has bot the elvtr. of the Wetumka Mill & Elvtr. Co.

Numa, Okla.—R. S. Montgomery, of Medford, is now in charge of the elvtr. at this station.

Cordell, Okla.—A. H. Bales is now representing the Lawton Hay & Grain Co. at this place.

Skedee, Okla.—The elvtrs. at this station are operated by Ed J. Coyle and C. Harshbarger.—X.

Komalty, Okla.—The R. H. Drennan Grain Co., of Oklahoma City, is building a 16,000-bu. elvtr. here.

Hobart, Okla.—The R. H. Drennan Grain Co., of Oklahoma City, is building a 20,000-bu. elvtr. at this station.

Kingfisher, Okla.—M. L. Webb has bot and taken possession of the elvtr. of the El Reno Mill & Elvtr. Co.

Guthrie, Okla.—M. E. Sherman, formerly with the Oklahoma Export Co., Oklahoma City, is now with the Guthrie Mlg. Co.

Oklahoma City, Okla.—E. W. Wagner & Co., of Chicago, Ill., have opened an office in the Exchange Bldg., with E. L. Beutke as mgr.

Chelsea, Okla.—The Hogan-Hayden Co., of Pryor, has leased the elvtr. of the Chelsea Hay & Grain Co. for the coming season.

Weatherford, Okla.—We have let contract for an 18,000-bu. elvtr. to be constructed at once.—R. L. Fey, mgr. Farmers Union Exchange.

Alva, Okla.—The Kansas Mlg. Co. has practically completed the 4-story concrete addition to the Alva Roller Mill, which it recently purchased.

Collinsville, Okla.—W. L. Hutcheson, of Oklahoma City, and myself are starting a general grain, milling and feed business here.—J. C. Whitney.

Duncan, Okla.—W. P. Smith & Co., grain and cotton brokers of Durant and McAlester, have opened an office here with L. R. Smith in charge.

Lone Wolf, Okla.—W. J. Williams is now in charge of the elvtr. of the Reeg Grain Co., succeeding J. M. Riley, who is managing an elvtr. at Altus.

Lahoma, Okla.—I am mgr. and have a working interest in the elvtr. which W. B. Johnston recently bot from the Lahoma Grain Co.—C. E. Ramsey.

Enid, Okla.—E. F. Shinn, who had his office closed for the past 2 or 3 months, is now back on the job and very active in the grain business.—K.

Tyrone, Okla.—The Bolin-Hall Grain Co., of Hutchinson, Kan., has succeeded the A. J. Hughes Grain Co. at this point. D. T. Wadley will be retained as mgr.

Lone Wolf, Okla.—J. M. Higgins is mgr. of the recently incorporated Farmers Elvtr. Co. which is building a 16,000-bu. elvtr. The White Star Co. has the contract.

Perry, Okla.—The Perry Mill Co. has practically completed the concrete grain tanks for which it let contract to the Burrell Engineering & Construction Co.

Thomas, Okla.—The Thomas Mlg. Co. has bot the elvtr. of D. W. Drennan on the Frisco and Orient Rys. and will operate it in connection with its present house.

Butler, Okla.—The Farmers Union, of which D. Nichols is mgr., will not build an elvtr. as was reported. It has bot the Butler Mill and will buy and ship grain.—X.

Medford, Okla.—R. F. Montgomery has been retained as mgr. of the elvtr. which the Larabee Flour Mills Corporation recently purchased from the Deer Creek Elvtr. Co.

Daley sta. (Cherokee p. o.), Okla.—The elvtr. of the Farmers Federation, on the Rock Island, was completely wrecked during a recent storm. It will be rebuilt. The two new grain tanks were not damaged.

The following have recently been admitted to membership in the Oklahoma Grain Dealers Ass'n: E. O. Billingslea Grain Co., Frederick; Harry Dunn, Rocky; Farmers Mlg. & Supply Co., Elk City; L. R. Daniels, Hydro; O. W. Reeg Grain Co., Altus (operating elvtrs. at Duke, Gould and Lone Wolf, Okla., on the Orient Railway).—C. F. Prouty, Sec'y.

## OREGON

Clem, Ore.—The Pacific Coast Elvtr. Co. owns a grain warehouse but does not operate an elvtr. here.—R.

West Stayton, Ore.—No elvtrs. are located at this station. The Albers Bros. Mlg. Co. is not in the grain business here now.—X.

Briedwell sta. (McMinnville p. o.), Ore.—I have sold my elvtr. and warehouse here to the Sam Boyer Co., of Portland.—E. H. Hanson.

Astoria, Ore.—The Port of Astoria will float a new bond issue of \$500,000 to construct the first unit of the bulk grain storage tanks and warehouses.

Maupin, Ore.—Contract for a 50,000-bu. elvtr. has been let by the Spokane, Portland & Seattle R. R. to the Burrell Engineering & Construction Co.

Pendleton, Ore.—The elvtr. at this point is being remodeled and grain handling machinery is being installed. The Burrell Engineering & Construction Co. has the contract.

Pendleton, Ore.—Charles Kennedy, who was mgr. of the Pacific Coast Elvtr. Co. at Condon for several years, is now in charge of the local office, succeeding J. E. Montgomery, resigned.

Klamath Falls, Ore.—The elvtr. and mill of Martin Bros., together with 25,000 bus. of grain, burned July 15. Estimated loss, \$150,000. The fire is reported to have been of incendiary origin.

Portland, Ore.—J. M. Thomas, who has been in charge of the grain and live stock business of the O. W. R. & N. Co. for the last 9 years, has resigned to go with M. H. Houser, grain dealer.

Portland, Ore.—The Northern Grain & Warehouse Co. has taken over the 10 grain warehouses of the Oregon Electric Railway Co. in the Willamette Valley. They will be operated under the management of Hugh Nelson.

Condon, Ore.—The 2 grain tanks being added to the elvtr. of the Farmers Elvtr. Co. will be completed soon. The walls are 8 in. thick, reinforced every 7 in. by a rod of ¾ in. deformed iron. The tanks, which are 75 ft. high, will give the elvtr. a capacity of 170,000 bus.—O.

Astoria, Ore.—The storage elvtr. and docks of the Port of Astoria are now being constructed. The 64 reinforced concrete storage bins for bulk wheat are to be completed in time for handling this season's crop, and will cost about \$215,000. The elvtr., which has been practically completed at a cost of \$100,000, will have storage capacity of 1,000,000 bus. In addition to the elvtr. and bins the Port has a capacity for storing 2,000,000 bus. of sacked grain. The new plant will be of reinforced concrete, each of the bins being 22 ft. 8 in. in diameter and 78 ft. deep. There will also be a workhouse with a receiving elvtr. on either side, and 2 additional legs will be located in the center of the structure, with an elevating capacity of 15,000 bus. each per hour.

## PENNSYLVANIA

Pittsburgh, Pa.—The annual outing of the Grain & Hay Exchange was held July 18 at Wexford Park. It was a family picnic instead of the usual stag affair.

## PHILADELPHIA LETTER.

F. C. Rogers has applied for membership in the Commercial Exchange.

The Philadelphia Grain Elvtr. Co. has purchased 2 large Invincible Separators for its elvtr.

Hiram V. Bishop, for a number of years with the grain inspection dept. of the Commercial Exchange, died recently.

Charles B. Rowley, formerly general mgr. of the Girard Point Storage Co., operating elvtrs., died July 15, aged 89 years. He had been associated with the company for about 50 years.

## SOUTH DAKOTA

Lemmon, S. D.—The Columbia Elvtr. Co. will rebuild its elvtr. this summer.

McIntosh, S. D.—The recently organized Equity Elvtr. Co. will build an elvtr.

Troy, S. D.—The Great Western Elvtr. Co. has closed its elvtr. for repairs.

Menno, S. D.—The Farmers Grain & Stock Co. is building an addition to its elvtr.

Willmot, S. D.—The Equity Co-operative Ass'n has bot the elvtr. of the Farmers Elvtr. Co.

Canton, S. D.—Chris Sanvig has been retained as sec'y and mgr. of the Farmers Elvtr. Co.

Humboldt, S. D.—The capital stock of the Farmers Elvtr. Co. has been increased to \$20,000.

Java, S. D.—The elvtr. of the Java Equity Exchange burned recently with a loss of \$30,000.

Pukwana, S. D.—The Farmers Elvtr. Co. is considering the purchase of one of the elvtrs. at this place.

Herrick, S. D.—Carl Caspary, prop. of an elvtr., was married July 2 to Miss Emilie Weber, of Butte, Neb.

Dell Rapids, S. D.—The elvtr., for which A. B. Gillette let contract to Levi D. Wait, is practically completed.

Waubay, S. D.—The Equity Elvtr. Co. incorporated; capital stock, \$20,000; incorporators, Carl Bendert, J. M. Dilley and T. Jones.

Stickney, S. D.—F. C. Zemlicka became mgr. of our elvtr. on July 1. We are installing a manlift.—Stickney Co-operative Union.

Platte, S. D.—The Lloyd Elvtr. Co. has bot the elvtr. of Harris & Robbins. Albert Tiemens has been retained as mgr.—Platte Grain Co.

Crandall, S. D.—The Farmers Elvtr. Co. has leased the elvtr. of the Pacific Elvtr. Co. for the ensuing year.—Agt. Eagle Roller Mill Co.

Menno, S. D.—A. J. Waltner has been arrested on three charges of embezzlement of funds of the Farmers Land, Loan & Grain Co.

Java, S. D.—Fire recently damaged the elvtr. of the Equity Elvtr. Co. and destroyed the feed and twine warehouse. Loss, \$50,000.

McIntosh, S. D.—We have just completed an elvtr. to replace the one which was destroyed by fire.—J. Anenson, agt. Columbia Elvtr. Co.

Sitka sta. (Selby p. o.), S. D.—The Selby Equity Union will buy or build an elvtr. here and operate it in connection with its elvtr. at Selby.

Turton, S. D.—I am now mgr. of the Farmers Elvtr. Co. here.—E. L. Wormington, formerly mgr. Loyaltan Equity Union Exchange, Loyaltan.

Milbank, S. D.—A small blaze was discovered recently in the cupola of the Farmers Elvtr. Co. and was extinguished before any damage was done.

Webster, S. D.—The Farmers Equity Society has been organized, with a capital stock of \$25,000, to take over the elvtr. of the Farmers Elvtr. Co.

Kimball, S. D.—The Brule County Farmers Elvtr. Co. has purchased the 10,000-bu. elvtr. of the Hunting Elvtr. Co. and will operate it in connection with its present 15,000-bu. house, with W. F. Conway as mgr.



Bristol, S. D.—The Farmers Equity Exchange incorporated; capital stock, \$25,000; incorporators, Kris Anderson, H. N. Sharp and Bruno Harter.

Rowena, S. D.—The Farmers Elvtr. Co. opened its recently acquired elvtr. for business on July 16 with Peter Anderson as mgr.—Sidney W. Larson, sec'y.

Miranda, S. D.—The Farmers Elvtr. Co. is painting and repairing its elvtr. and coal sheds and building a flour house, of 2 cars capacity.—Floyd S. Tanner, mgr.

White Lake, S. D.—A. C. Crowley, formerly mgr. of the Farmers Elvtr. Co. at Stickney, has succeeded D. C. O'Brien as mgr. of the Farmers Elvtr. Co. here.

Brandt, S. D.—The Farmers Elvtr. Co. has been organized and has employed Lars Neisham, formerly mgr. of the Farmers Elvtr. & Supply Co. at Burr, Minn., as grain buyer.

Lake Andes, S. D.—B. H. Freeman has purchased an elvtr. and is moving it from its location near the elvtr. of the Carlon Elvtr. Co. to a site opposite the elvtr. of the Farmers Elvtr. Co.—K.

Wagner, S. D.—Repairs are being made on the elvtr. of the Farmers Elvtr. Co. and our elvtr. in preparation for the coming crop. E. O. Davis is now agt. of the South Dakota Grain Co.—I. G. Corey.

Como sta. (Arlington p. o.), S. D.—The recently organized Farmers Elvtr. Co., incorporated; capital stock, \$25,000; incorporators, T. L. Tvedt, O. Ahnberg, of Volga, and L. Olson, of Arlington. The company will buy the elvtr. here or build a new house.

Wessington, S. D.—The recently incorporated Farmers Co-operative Co. has closed a deal for the purchase of the elvtr. and other property of the Farmers Elvtr. Co. H. J. Sievers is sec'y and Frank Domek, formerly agt. of the Eagle Roller Mill Co., is mgr. and buyer of the new company.

Lake Preston, S. D.—Gunder Lund is running his own elvtr. now. M. H. Plowman, formerly in charge, has succeeded the late Halvor P. Dahl as agt. of the Eagle Roller Mill Co. Ed Rogholt will be in charge of the 32,000-bu. elvtr. now being erected for the Farmers Co-operative Elvtr. Co. by the Honstain Bros. Co.—Jos. Funk, agt. Geo. P. Sexauer & Son.

Sherman, S. D.—The Farmers Elvtr. Co. has purchased the 50,000-bu. elvtr. of the Monarch Elvtr. Co. This structure will replace its house, which burned recently after being struck by lightning. The building contained 6,500 bus. of oats and other grain, which was only partly damaged. The company suffered a loss of \$2,894, insurance carried failing to cover the loss by this amount.

## SOUTHEAST

New Albany, Miss.—A corn elvtr. and grist mill will be erected this summer.

Dublin, Ga.—The Oconee Mlg. & Grain Co. has practically completed its new plant at this station.

Pelham, Ga.—An elvtr. is being erected by the Hand Trading Co. It will be equipped with 2 Hall Signaling Grain Distributors.

Tallahassee, Fla.—The money has been subscribed for an elvtr. to be erected at a cost of \$10,000, by the Brandon Mlg. & Elvtr. Co.

Birmingham, Ala.—F. B. Clark has bot the interest of D. Fulton in the firm of Clark & Fulton and will continue the business under his own name.

Ashburn, Va.—We bot the plant of the Hutchison Bros. Co. and are increasing the storage by erecting a 38x40 ft. two-story annex.—W. S. Jenkins Grain Co., Leesburg.

Atlanta, Ga.—The firm of Smith & Martin was dissolved on May 31. Edward E. Smith has entered the brokerage business under his own name and I have done likewise. I will handle grain, grain products and flour.—Theo. W. Martin.

Aberdeen, Miss.—Plans are being made to erect an elvtr. to take care of the present corn crop. G. H. Watkins and J. L. Shell are interested in the project.

Danville, Va.—The Westbrook Elvtr. Co., Inc., is now in the hands of a receiver. Liabilities, \$50,000, which will be more than offset by the machinery in the plant, according to report.

Meridian, Miss.—Fire on July 4 destroyed the grain warehouse of Sturgis & Co., causing a loss of \$10,000. The blaze is believed to have been of incendiary origin. The loss is partly covered by insurance.

## TENNESSEE

Nashville, Tenn.—R. C. Mills has been appointed federal supervisor of grain inspection for this district, succeeding C. G. Franks, who has been transferred to Duluth, Minn. Mr. Mills, who is also in charge of the Memphis district temporarily, will have his offices in the Independent Life Bldg.

## TEXAS

Houston, Tex.—The Saint Grain & Produce Co. is remodeling its plant.

Godley, Tex.—The Godley Mill & Elvtr. Co. has installed a Midget Marvel Mill.

Ft. Worth, Tex.—The Terminal Grain Co. has increased its capital stock from \$30,000 to \$60,000.

Hardin sta. (Walter p. o.), Tex.—Geo. Beer has leased a building and will install grain and mill machinery.

Ft. Worth, Tex.—The capital stock of the Ft. Worth Elvtr. Co. has been increased from \$250,000 to \$750,000.

Waxahachie, Tex.—Our elvtr. is now in operation and we are buying and storing grain for the public. E. A. Paxton is mgr.—Modern Mlg. & Mfg. Co.

Higgins, Tex.—The North Texas Grain Co. incorporated; capital stock, \$10,000; incorporators, W. M. Collins, T. H. Black, of this city, and L. L. Peters, of Alva, Okla. J. B. Hupp, of Wichita, Kan., is the chief stockholder.

Wichita Falls, Tex.—The Wichita Mill & Elvtr. Co. has let contract for a reinforced concrete grain warehouse and 1,000-bbl. mill, 8 stories high, to the Burrell Engineering & Construction Co. It will cost \$350,000.

Moody, Tex.—We entered the wholesale grain business on June 11 and operate a 30,000-bu. elvtr., which is the only one at this station. It is equipped with an oat clipper, cleaner, meal and chop mill. The elvtr. was used for storing oats for the past 10 years.—Moody Grain & Elvtr. Co.

Ft. Worth, Tex.—In the matter of the petition by the Blair Elvtr. Co. and certain other alleged creditors against the Walker Grain Co. in the United States district court, praying for the appointment of a receiver for the grain company Judge Jacks, United States district judge, took the matter under advisement and on July 16 at Dallas rendered judgment dismissing the application for receiver, holding that there was no equity in the complainant's bill entitling it and the other alleged creditors to a receiver. The Walker Grain Co. filed an elaborate answer denying the entire bill and all of the allegations contained in the plaintiff's pleadings. The answer denied specifically the allegations of the bill that the defendant was insolvent, and disclosed assets of nearly \$200,000 over and above all alleged claims. The answer further showed that the Walker Grain Co. was not in default in any of its current bills but paid them on presentation; that there were no judgments against it and that all the claims set out in the complainant's bill and the petitions of intervenors were denied and being contested in good faith in the courts. The result is that the complainant's bill and the petition of each of the intervenors were dismissed at the cost of the plaintiff, the court holding that no equity appeared therein entitling them to a receiver.

Groom, Tex.—The Farmers Grain & Elvtr. Co. is rebuilding its elvtr., which burned last spring. The recently incorporated Groom Elvtr. Co. has completed a 25,000-bu. elvtr.—J. S. Blasdel, mgr. Plains Grain Co.

Wichita Falls, Tex.—A district meeting of the local grain dealers of Texas and Oklahoma was held July 13, followed by a banquet. C. E. Munn, of Oklahoma City, Okla., explained the new system of grain inspection.

Cleburne, Tex.—The elvtr. of the Anderson Roller Mills burned July 9 together with 7,000 bus. of wheat and 1,000 bus. of corn. The fire, which started in the roof of the buildings, is thought to have been of incendiary origin. The loss on the wheat is covered by insurance.

Vernon, Tex.—A 15,000-bu. receiving house, owned by our company, was destroyed July 11 by fire thought to have been caused by lightning. The loss is partly covered by insurance. No grain was in the house. Rebuilding plans have not been decided upon.—Kell Mlg. Co.

## UTAH

Logan, Utah.—G. W. Moench is mgr. of the recently incorporated Vitamin Co.

Honeyville, Utah.—The Bear River Mlg. Co. is building a 20,000-bu. elvtr. and mill to replace its burned mill. The elvtr. will be finished to handle grain this fall.

Ogden, Utah.—Improvements will be made on the plant of the Ogden Mlg. & Elvtr. Co., recently taken over by the Holley Mlg. Co., at a cost of \$100,000.

Ogden, Utah.—We are building an elvtr., consisting of 6 concrete tanks, 29 ft. in diameter and 110 ft. high, with hopper bottoms, which with the interstices will hold 300,000 bus. of grain. The material is now on the ground and the structure will be completed in 100 days.—Lucian A. Ray, mgr. Utah Cereal Food Co.

## WASHINGTON

Withrow, Wash.—The Seattle Grain Co. has let contract for a 42,000-bu. concrete elvtr.

Tacoma, Wash.—The Puget Sound Flouring Mills Co. is repairing its grain warehouse and flour mill.

Winona, Wash.—Ground was broken July 10 for the elvtr. for which the Superior Mlg. Co. recently let contract.—K.

Reardan, Wash.—The Washington Grain & Mlg. Co. is making extensive improvements and installing new machinery.

Davenport, Wash.—The elvtr. of the Big Bend Mlg. Co. is being enlarged and extensive improvements are being made.

Alderdale, Wash.—Frank W. Sanders has built an 80,000-bu. elvtr. at this station, which is in Klickitat County, and will handle grain in bulk and sacks.

Whitstran sta. (Grandview p. o.), Wash.—E. M. Frye will have his new 50,000-bu. elvtr. completed about Aug. 10. Grain in bulk only will be handled.—X.

Seattle, Wash.—Oscar L. Spencer, formerly with the Everett Flour Mill Co. at Everett, has been appointed federal supervisor of grain inspection here.

Spokane, Wash.—G. I. Toevs will be mgr. of the 1,000,000-bu. reinforced concrete terminal elvtr. and flour mill which the Centennial Mill Co. will build.—O.

Seattle, Wash.—The Seattle Grain Co. has let contracts for 3 elvtrs., two to be of 12,000 bus. capacity and the third of 40,000 bus. capacity. The buildings will cost \$18,000.—O.

Ritzville, Wash.—The Washington Grain & Mlg. Co., of Reardan, is building a grain warehouse and remodeling its mill. We are doing no building.—Ritzville Flouring Mills.

Spokane, Wash.—J. D. Armstrong will be in charge of the reinforced concrete elvtr., 750-bbl. mill and warehouse which the Sperry Flour Co. will build. Electric power will be used.



Goldendale, Wash.—The Farmers Union is remodeling its large grain warehouse and installing elvtr. bins of 80,000 bus. capacity. It will be equipped to handle bulk and sacked grain. Scarcity of labor is delaying the work.

Seattle, Wash.—The Merchants Exchange elected the following trustees July 11 to serve during the coming year: L. P. Bauman, C. A. Peplow, George Albers, George W. Smith, C. H. Bacon, J. F. Blain, A. F. Haines, R. D. Pinneo, E. H. Hamlin and R. D. McAusland.

McAdam sta. (Washtucna p. o.), Wash.—The Northern Grain Co. contemplates the erection of a 50,000-bu. elvtr. at this point and all other sidings on the S. P. S. down to Snake River. Nothing has been done so far so the houses will not be ready for use this season.—X.

Warwick sta., Wash.—The Centerville Elvtr. Co. is building a 50,000-bu. elvtr. on the Goldendale branch of the Spokane, Portland & Seattle Ry. Scarcity of labor and material is delaying the work but the house will be finished to handle the new crop of grain. Mail is received thru Centerville p. o.

### WISCONSIN

Hatley, Wis.—Contract has been let for an elvtr. and warehouse at this place.

Mondovi, Wis.—The Badger Grain Co. has bot the elvtr. of the Cargill Elvtr. Co. and employed W. W. Butler as mgr.

Stevens Point, Wis.—We did not enlarge our elvtr. as was recently reported but just added a hay shed and a small flour warehouse.—Pagel Mfg. Co.

Shawano, Wis.—Improvements are being made in the elvtr. of the Dodge-Hooker Mills. It is being moved to another site and new machinery is being installed.

Eagle Point, Wis.—John H. Rheingans, for 20 years in the elvtr. business, has bot and taken possession of the 20,000-bu. elvtr., potato house, warehouse and hay shed of the Clark Grain & Fuel Co.

### MILWAUKEE LETTER.

Arthur J. Atkins and Herman C. Timm have been admitted to membership in the Chamber of Commerce. The memberships of Geo. F. Briggs and Julius Zahn have been transferred.

Herman W. Ladish, pres. of the Chamber of Commerce, has denied the rumors that the Chamber has abandoned its plan to build a new exchange and office building, at a cost of about \$1,000,000.

The weighing dept. of the Chamber of Commerce will have an up-to-date scale shop where light repairs and adjustments can be made. A fireproof building in the elvtr. district has been rented for this purpose.

Revised grain weighing charges established by the Chamber of Commerce are 55c for cars received at all elvtrs., mills and malt houses; 25c for cars shipped from Lyman-Bournique, Donahue, Stratton, Updike and Rialto; 35c for Stern, Armour, Borchert, Krause, Kamm, Interstate, Kurth, Weschler, Hansen, Smith-Parry; 50c Kraus-Merkel, Hecker, Lake Shore, Milwaukee-Western, Courteen, Corcoran, Schlitz; 60c Lyman-Joseph, Riebs, Wendt, Goodrich.

FARMERS want an average minimum price fixed at \$2.19 per bushel for No. 1 Northern wheat at Duluth and Minneapolis terminals according to a poll of 300 representative wheat growers taken by Director Thomas Cooper of the state extension department.

### Car Service Regulation by Interstate Commission.

E. H. DeGroot, Jr., until recently superintendent of transportation of the Chicago & Eastern Illinois Railroad Co., now in the exclusive employ of the Interstate Commerce Commission, has been appointed chief of the division of car service, the creation of which was announced by the Commission July 13. The Commission has also secured temporarily for this work the services of H. C. Barlow, chairman of the executive com'te of the National Industrial Traffic League. During its formative period the division will have the collaboration and advice of Mr. Barlow.

Car service has been controlled by the carriers' commission on car service at Washington by a voluntary arrangement. What it lacked in authority will now be supplied by the Interstate Commission. Orders or directions of the Interstate Commerce Commission will issue under the car-service act direct to the carrier or carriers concerned. Subject to this fundamental principle, the division of car service will, as far as practicable, avail itself of co-operative effort on the part of the carriers' commission on car service.

Complaints and communications regarding car service received by the Interstate Commerce Commission will be handled thru the new division. The field service will be developed as occasion may require.

### Luther Burbank Develops New Wheat.

Luther Burbank, the plant wizard of Santa Rosa, Cal., who has become famous thru his work in assisting nature to bring forth numerous variations from the plants which normally grow upon the face of the earth, has announced that he has perfected a new variety of wheat, so different from those which we know that instead of an average yield of 15 bushels to the acre it will increase the return to 50 and even to 70 bushels.

He has worked upon this problem for ten years, following out his usual process of selection and re-selection, and he has said that even yet he is not satisfied, but will continue to experiment in an effort to increase the protein content of this super-wheat, as well as of all other varieties of the grain, in order that the staff of life may become of still greater value to mankind.

It will take some time to get enough seed to enable farmers to plant the new variety of wheat. Burbank's plan of distributing seed has been to send it to a seed firm, which in turn disposes of the quantity of seed to a few selected farmers and plants some for more seed. These selected farmers grow the seed, retaining enough for their own use and placing the rest on the market as seed.

Experiments as to the milling nature of the new wheat are yet to be made.

### Dockage and Blowing to Grade.

Toledo has been compelled to stop inspecting grain blow to grade. It is now graded subject to dockage, same as has been done in the northwest. Elevator charges nothing for cleaning but takes the dockage. This will be an important feature to watch. The car new wheat we had in yesterday was subject to four per cent dockage. On thousand bushels it would amount to forty bushels or over a hundred dollars. Allow for it in buying. Government demands the change.—C. A. King & Co.'s Letter.

### Death of Ludwig Teweles.

Ludwig Teweles, pres. of the L. Teweles Seed Co., of Milwaukee, died suddenly from heart failure July 8 at his residence in Milwaukee. Mr. Teweles was born in Austria and came to America while a young man. He had been engaged in the seed business 53 years, 38 of which were passed in Milwaukee.



L. Teweles, Milwaukee, Wis., Deceased.

A few years ago he admitted his five sons as partners in the business, and since that time he had not been active in its affairs, altho he was a familiar figure at his office and at the Chamber of Commerce. He was one of the oldest members of the latter organization.

He enjoyed an enviable reputation for integrity and upright dealing, and up to the day of his death his health was of the best. The trade will regret to learn of his sudden death. A portrait of Mr. Teweles is reproduced herewith.

### Burma Beans Dangerous.

It has come to the knowledge of the U. S. Dept. of Agri. that certain shipments of beans from the Orient known as Burma or Rangoon beans have entered this country from Canada.

They closely resemble the ordinary navy bean in appearance, but can be distinguished by their light yellowish color and the fine, distinct radiating lines passing out from the hilum or eye.

They are pole beans of the Lima type and not suitable for planting in this country, since they are of tropical origin and will not mature in the bean-growing States. They are not fit for human food, since they yield hydrocyanic acid in amounts which may be dangerous to the health of the people of the United States.

The port and border laboratories of the Bureau of Chemistry are under instructions to make examination of all shipments of such beans offered for entry and to effect their detention.

DUEFALO  
LET ME OFF AT  
DUTTAUO

September 24, 25, 26, 1917



## Seeds

ROSEDALE, IND.—Timothy meadows are light.—Phillips & Ross Grain Co.

RANKIN, ILL.—A seed house is being erected at the elevator of Thom & Johnson.

LACROSSE, WIS.—A warehouse costing \$50,000 will be erected by the John A. Salzer Seed Co.

INDIANAPOLIS, IND.—The Indiana Seed Co. has increased its capital stock from \$10,000 to \$30,000.

PARMA, IDAHO.—A new foundation is being placed under the seed house of the Parma Milling & Elevator Co.

CLARINDA, IA.—The A. A. Berry Seed Co., at its recent annual meeting, took steps to increase its capital stock \$200,000.

CHICAGO, ILL.—The MacMore Farm Seeds Co. has been incorporated with \$5,000 capital stock by Dorothy R. Summers and others.

WASHINGTON, D. C.—July 1.—Field beans condition is 99.2% of 10-year average, and kafir condition is 82.9%.—U. S. Department of Agriculture.

SWEETWATER, TEX.—The Sweetwater Seed & Grain Co. has been incorporated with \$25,000 capital stock by Lee Judd, J. P. Bishop and Max Newman.

JEFFERSON, IA., July 19.—Not much clover, timothy or alfalfa grown in this locality. Practically no seed will be carried over from last year's crop.—Jefferson-Ratekin Seed Co.

INDIA'S OIL SEED crop, according to the final report of the season, is 1,186,000 tons of rape, mustard and flaxseed, against 1,102,000 tons last year. Of flaxseed alone the yield is 520,000 tons, against 476,000 for 1916.

TURKESTAN alfalfa was present in 20 per cent of the alfalfa seed examined in 1915 as reported by J. P. Helyar in the New Jersey Statistical Report for 1915, the foreign seed having been used as a substitute for the American-grown seed.

NEW YORK, N. Y.—The name of Jacot & Mullen, Inc., will be changed Aug. 1 to "H. W. Doughten, Inc.," seed merchants. Neither Messrs. Jacot nor Mullen have been connected with the firm for several years, but H. W. Doughten will continue as pres.

OGDEN, UTAH.—The indications are that the seed crop this year will be about the same size as last year; tho it may be less by reason of the strong demand for hay. No other seeds are raised in this state to any great extent. Very little alfalfa seed is being carried over.—Blackman & Griffin Co.

GRAIN SORGHUM production was forecasted July 9 by the U. S. Department of Agriculture as 29,230,000 bus. in Kansas, 29,316,000 in Oklahoma, 26,964,000 in Texas, 1,813,000 in Colorado, 5,141,000 in New Mexico and 2,052,000 in Arizona, a total of 94,516,000, against 50,340,000 in 1916 and 114,460,000 bus. in 1915.

TOLEDO, O.—Trading in timothy has been light. Some September selling for western houses as a hedge against cash seed, and the buyers were dealers here who were switching their hedges on cash from that month to March. There seems to be quite a little cash timothy held in various places, but any decent demand would clean this up very quickly.

Weather has been very wet, but there have not been very many complaints about it. New investors are taking the December and March in preference to the September, and short sellers are also using those months. Present price of those futures is about 75 cents higher than a year ago, and about a dollar higher than two years ago. The highest price in recent years for timothy was in 1911, when the September future reached \$6.35.—J. E. Zahm & Co.

THE NORMAL CROP of Kentucky bluegrass seed is about 600,000 bushels, and it is estimated that the present crop may be only 190,000 bushels. The crop is very light, due to poor growing conditions early in the season. The straw was short and much of the seed escaped the strippers.—U. S. Dept. of Agriculture.

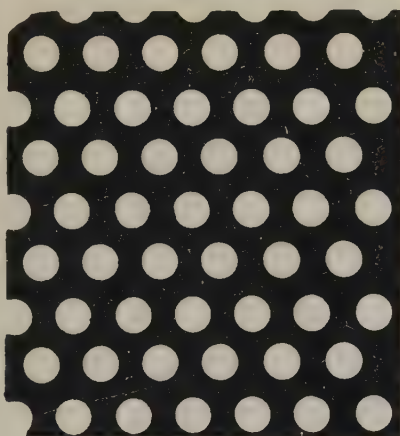
THE BEAN CROP was estimated by the

United States Department of Agriculture July 9 as 2,835,000 bus. in New York, 8,231,000 bus. in Michigan, 2,601,000 bus. in Colorado, 1,156,000 bus. in New Mexico and 7,268,000 bus. in California, a total of 22,141,000 bus., against 8,846,000 bus. in 1916, and 10,321,000 bus. in 1915. The Colorado crop will be seven times what it was two years ago.

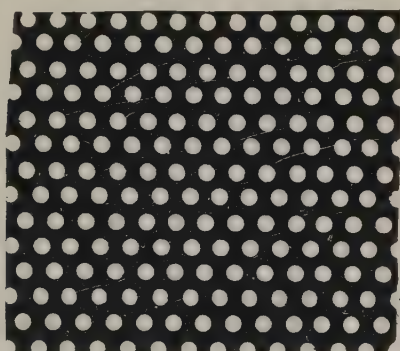
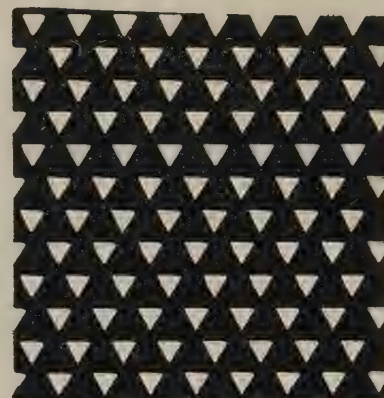
TOLEDO, O.—October clover seed last week sold highest in two years. It passed twelve dollars. High last season \$11.20, but it soared to \$13.40 two years ago, highest on record for October. March seed reached \$14.22½ several years ago. Bulls and shorts buying caused the bulge. Weather still wet. Seed crop has secured a start and needs dry weather from now on with only occasional rains. Timothy and alsike sympathized a little with clover.—C. A. King & Co.

## Equip Your Cleaning Machinery With Gov't Wheat Sieves—Now

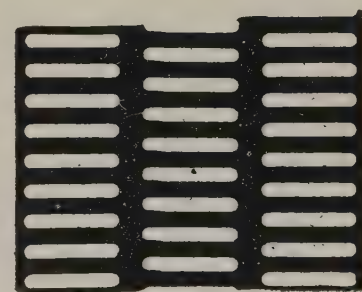
Scalper sieve:-perforations 12/64 inch in diameter



Buckwheat sieve:-perforations exactly 8/64 inch on each side.



Fine seed sieve:-perforations exactly 1/12 inch in diameter.



Chess sieve:-perforations exactly 4 1/2/64 inch x 1/2 inch

### WE CAN SUPPLY YOUR WANTS FOR ALL STANDARD SIZE MACHINES

Zinc No. 9 gauge is very satisfactory. We are also prepared to furnish Standard devices for grading grain. Official Brown-Duvel Moisture Testers (as furnished by us to all Government laboratories), Wheat Sieves (Government specifications), Scales for use with testers, and corn sieves, grain triers, test weight per bushel apparatus, and other necessary appliances. Get our Catalog No. 20, which will be of great value to you. Free on request.

### SEED TRADE REPORTING BUREAU

Postal Telegraph Bldg.

CHICAGO, ILL.



## Supply Trade

DES MOINES, IA.—We have opened an office at 512 Polk Bldg., this city, under the management of W. N. Claus.

SEATTLE, WASH.—The Phoenix Gas Engine Mfg. Co. has been organized and incorporated, with a capital stock of \$800,000.

SILVER CREEK, N. Y.—The Quaker Oats Co. have specified Invincibles in the contracts for their new mills at Cedar Rapids, Ia., and Peterboro, Ont.

SAN FRANCISCO, CAL.—The Acme Gas Engine Co., a recently organized company, will soon start the manufacture of engines. Later in the year they will manufacture Diesel type engines of a large size.

SCHENECTADY, N. Y.—The General Electric Co. have just prepared for distribution, bulletin 42014, entitled "Head-lights and Turbo-Generators for Steam Locomotives." This bulletin will be sent to Journal readers upon request.

MINNEAPOLIS, MINN.—Miss Mabel Ten Voorde, who has been connected with the sales and engineering department of the Minneapolis Steel & Mchy. Co., for several years, has been appointed advertising manager to succeed H. D. Lennon.

MINNEAPOLIS, MINN.—The Strong-Scott Mfg. Co. will soon open a factory on the East Side of the city for the manufacture of sheet metal products. Part of the building will also be used as a general warehouse for carload shipments.

THE Hess Warming & Ventilating Co. is installing a large drier in a tile grain tank, for the Northwestern Yeast Co., Chicago. The Globe Elevator Co., of Duluth, is also installing a large Hess Drier at its Duluth terminal. This is the second purchase of Hess Driers made by the Globe Co.

CHICAGO, ILL.—H. E. Dennie, for many years Pacific Coast representative of the Imperial Belting Co., has been appointed general manager of the company, W. S. Bloomer has been appointed general sales manager. The addition of both Mr. Dennie and Mr. Bloomer is made necessary by the fast growth of this company, who have made great strides in the manufacture of canvas belting.

AMERICAN business men do not realize the value which trade journals and technical magazines may be to them in increasing the efficiency of their factories and in giving them a broad and comprehensive view of their business. These papers are preaching the gospel of sound business on practical lines and are helpful not only to business, but to the country as a whole.—Edw. N. Hurley.

CHICAGO, ILL.—The Hess Warming & Ventilating Co. reports an unusually active demand for Brown-Duvel Moisture Testers, both of the glass flask (official) type, and of the copper flask kind. Orders from distant points are occasional, testers having been shipped recently as far as Java and Mauritius. The new wheat rules going into effect Aug. 1, have caused many dealers to install testers.

ENGLAND'S wheat crop showing, according to a special statement issued by the board of agriculture based on returns, July 1, was 94% of normal; barley 98%; oats 93%, and potatoes 103%.

## Omaha Establishes Official Closing Bids.

The Omaha Grain Exchange recently added the following subdivision to Regulation 9 to establish an official price and competitive market for grain to arrive.

Immediately upon the close of the market on each day, a public meeting shall be held on the floor of the Exchange, said meeting to be under the control and managements of a Committee of five members, appointed by the President with the approval of the Board of Directors. Such meeting shall be held for the purpose of holding and establishing a public competitive market for articles dealt in on this Exchange, and at the close of said meeting, all making of new prices by members of this Exchange shall cease until the next business day, except as provided for herein.

Said Committee shall receive open and competitive bids for wheat, corn, oats, rye, and barley, to arrive. Final bids, as established at said public and competitive market, less the regular commission charges for receiving and accounting for such property as provided in these rules, may be forwarded to dealers. After the close of said competitive market, further competitive bids may be received and posted, provided at least 7 active members of this exchange, together with at least one member of the Com'ite hereinbefore provided for, meet upon the trading floor of this exchange and there renew said competitive bidding and post the same upon the board of said exchange.

Unless the amount to be accepted is limited at the time of making any bid, and unless such limitation is posted as a part of said bid, the person so making said bid, shall be obliged to take receive, and pay for, all grain offered by members of this Exchange under said bid. Any transaction by a member of this Exchange, made with intent to evade the provisions of this rule, shall be deemed uncommercial conduct, and upon conviction, such member shall be disciplined or punished as for conviction of other uncommercial conducts.

Wheat, rye, corn, barley, oats, or other grain, purchased subject to Omaha Grain Exchange weights or inspection, by a member of this exchange at any point outside of Omaha or Council Bluffs for shipment to this market, (the term "this market" as used herein, shall include all places where Omaha Grain Exchange inspection or weighing shall govern), shall carry in addition to all other charges prescribed by the rules of this exchange, a charge equal to  $\frac{1}{4}$  of 1% of the Omaha price in case the purchase shall be made from a non-member; but on wheat, corn, barley, or rye, such charge shall not be in excess of  $\frac{1}{16}$ ¢ per bu., nor on oats in excess of  $\frac{3}{16}$ ¢ per bu., or less than  $\frac{1}{16}$ ¢ per bu., and on kafir corn or milo maize in excess of  $\frac{2}{16}$ ¢ per hundred lbs., or less than  $\frac{1}{16}$ ¢ per hundred lbs., and it shall carry a charge equal to  $\frac{1}{2}$  of 1% of the Omaha Grain Exchange price, in case the purchase shall be made for a non-resident member of this Exchange; but on wheat, corn, barley, or rye, this charge shall not be in excess of 1¢ per bu., or less than  $\frac{1}{16}$ ¢ per bu., or on oats in excess of  $\frac{1}{16}$ ¢ per bu., or less than  $\frac{3}{16}$ ¢ per bu., and on kafir corn and milo maize not in excess of  $\frac{1}{16}$ ¢ per 100 lbs., or less than 1¢ per hundred lbs.

SOUTH AFRICAN grain and grain products in normal times, is exported overseas under four schemes. Under scheme "A" (which is in abeyance in consequence of the war) the administration conveys to the port, arranges freight and shipping, and undertakes the sale, thru its agents in London, of maize, oats, kafir corn, and other products. Under scheme "B" the administration conveys to the port and undertakes the duties of shipping agent for the produce mentioned, and also of kafir millet, rye, linseed, wheat and barley. Under "C" grain, grain products, compressed fodder, forage, lucerne, oat hay and chaff are conveyed to the port by the administration, shipping disposal being arranged by private enterprise. The fourth scheme deals with "milling in transit," by which maize and kafir corn are conveyed to a milling station and the products subsequently conveyed to the port of shipment, shipping and disposal being again arranged by private enterprise.

## Grain Carriers

EMBARGO placed by the Monon Route on grain for Newport News, Va., has been removed.

THE SANTA FE has purchased 3,800 freight cars and 130 locomotives, delivery to begin in August.

OCEAN FREIGHT rates are to be cut down by formal agreement between the allies and the United States.

THE OREGON PUBLIC SERVICE Commission contemplates postponing until after harvest its hearings on grain rates from eastern Oregon to Portland.

NO GRAIN is being held at any point because of a shortage of cars.—Chairman Willard of transportation com'ite of Council of National Defense.

POSTERS in red, white and blue urging shippers to conserve transportation facilities are being distributed by the National Industrial Traffic League.

THE STEAMER SPOKANE, wheat laden, collided with a pier in the Sault Ste. Marie Canal July 12 and sank. The wet grain is being taken off and dried.

THE PENNSYLVANIA has ordered the construction of 2,000 all-steel box cars for 1918 delivery; and the Canadian government railways have ordered 1,000 box cars.

THE E. B. CONOVER GRAIN Co. brot suit in the circuit court at Springfield, Ill., July 6 to recover \$2,500 damages of the Alton road for the loss of a car of grain in a wreck.

QUICKER MOVEMENT of cars is equal to the addition of 515,000 cars to the number in service, said Chairman Willard of the transportation com'ite of the Council of National Defense.

THE OKLAHOMA Corporation Commission at its hearing July 10 announced that it had drawn up an order establishing the same demurrage on state as on interstate traffic.

THE COUNCIL OF NATIONAL Defense recommends that the Federal Shipping Board build barges and tow boats, for use on navigable inland waters, the boats to be sold to private parties.

THE FLAXSEED B/L, it is thought, will be adopted on the Great Lakes for all grain, following the demise of the Grain Clearance Corporation, which had adjusted overages and shortages.

COUNCIL BLUFFS, IA.—The Trans-Mississippi Grain Co. has brot suit in the district court against the Wabash Railroad Co., to recover an overcharge of \$25.36 on a car of oats shipped to St. Louis.

THE CAR SHORTAGE was 77,144 on June 30, against 106,649 June 1 and 148,627 on May 1, showing the gratifying results of the efforts of the Car Service Commission to speed up the movement of loaded cars.

FRESH EMBARGOES are no longer being placed by the carriers against the movement of grain for domestic destinations, and the movement of grain now is free except as restricted by the government's export embargo.

THE CLAIM of H. L. Buss & Co., of Boston, Mass., against the New York Central Railroad Co. for  $7\frac{1}{2}$  cents per bushel on 133 bus. of grain lost in transit was dismissed by the Interstate Commerce Commission June 6 on the ground that it



has no jurisdiction over claims for reparation arising out of loss or damage to shipments in transit. The railroad company paid only 82 cents per bushel on the corn lost, which was valued at 89½c.

THE PROVISION of the Nebraska reciprocal demurrage act, which requires that freight be moved not less than fifty miles in twenty-four hours, has been declared valid and enforceable as to intrastate shipments by the Supreme Court of that state in a recent decision.

THE FREIGHT RATES from the Orient to Seattle, Wash., and, in fact, to all Pacific Coast ports are so extremely high, with no releases in sight, that we are very much afraid we will have little of the oriental goods to offer in the eastern markets.—F. M. Fairbanks & Co.

MEMPHIS, TENN.—At the hearing before Examiner McGehee of the Interstate Commerce Commission July 18 J. B. McGinnis of the Memphis Freight Bureau testified the present grain rates are discriminatory against Memphis and in favor of Kansas City, St. Louis and Cairo.

CHARGES on corn in carloads from points in Illinois, milled into gluten feed at Clinton, Ia., and the products forwarded to certain interstate destinations, were found to be unreasonable and the C. B. & Q. R. R. was ordered to make restitution to the Clinton Sugar Refining Co.

JOINT class rates on 5 carloads of corn from Lawton and Ricketts, Ia., to Kansas City, Mo., were found by the Interstate Commerce Commission to have been unreasonable to the extent that they exceeded the aggregates of the intermediate rates to and from Council Bluffs, Ia., and the C. & N. W. R. R. was ordered to pay reparation to the Nye Schneider Fowler Co., Fremont, Neb.

CHARGES on oats in carloads from Gunther, Tex., to Rayne, La., milled in transit at Sherman, Tex., originally destined to Franklin, Ia., and the tariff rule prohibiting reconsignment at the thru rate after expiration of the first 72 hours from the time of the arrival at the first destination, were not shown to be unreasonable before the Interstate Commerce Commission and the complaint of Pittman & Harrison Co., Sherman, Tex., against the St. L., S. F. & Tex. R. R. was dismissed.

AUSTIN, TEX.—A hearing postponed from July 10 will be held Aug. 14 by the Texas Railroad Commission on the following proposed regulation: When cars of grain or seeds placed at elevators or warehouses, or cars of grain or seeds loaded at such industries, are, for any cause other than the convenience of the carrier, removed therefrom under load and subsequently returned with the same load to the elevator or warehouse from which removed, a charge of \$2 per car will be made by the carrier for the use of its equipment and power or both.

THE KANSAS Public Utilities Commission has adopted the following regulation on car supply: In case of the inability of any railroad company or companies to supply all such shippers at any shipping point, making legal demand therefor, with the number of grain cars demanded, in accordance with the provisions of the statutes of Kansas, all cars available for grain shall be distributed in such manner as, if possible, to keep all elevators demanding cars open and operating, so as to enable all competitive purchasers in any community to participate in the buying of grain. In case it is impossible for any such railroad company to fur-

nish sufficient cars at any shipping station to keep all the elevators open and operating, then and in that case all available grain cars shall be divided and distributed among such elevators and shippers in proportion to the grain that is actually delivered at such station and offered for sale to or shipment through the respective elevators so demanding cars.

## Pool Tidewater Coal to Relieve Car Situation.

A plan has been adopted by the Council of National Defense for the pooling of shipments of coal at the ports of New York, Philadelphia, Hampton Roads and Baltimore, in the hope that it will release many cars for other service. It has been found that the detention of coal shipments at tidewater pending unloading into boats averages five and one-half days: To handle this problem the Tidewater Coal Exchange has been created, to be maintained at the expense of the railroads.

Coal shipments will be standardized and classified into 45 kinds, instead of 1,165 kinds, as has been the practice. All tidewater coal will be consigned to the Exchange, and all coal of like kind will be run upon the same track. When a boat arrives to take a cargo of 100 cars the first 100 cars of the kind of coal desired will be dumped into its holds, without regard to ownership. The plan will entail sacrifice by many operators, but it is believed to be in the interest of efficiency in transportation.

A deputy commissioner has been chosen to handle the work of the Exchange at each port.

## Shipbuilding Program Made Public.

The Emergency Fleet Corporation has made public its program for ship construction.

Contracts for 348 wood ships have been let or agreed upon, with a tonnage of 1,218,000 tons, at a cost of approximately \$174,000,000. Contracts are under negotiation for about 100 other wood ships. Contracts have been let for 77 steel ships, with tonnage of 642,800 tons, to cost approximately \$101,660,356.

There are thus provided 425 ships of all sorts, with an aggregate tonnage of 1,860,800, to cost about \$275,000,000, besides 100 more wood ships under negotiation. Contracts will be let for additional wood ships if bids are submitted by responsible parties.

Contracts are to be offered for the building of two plants, to be owned by the government, for the building of fabricated steel ships, to produce 400 ships of aggregate tonnage of 2,500,000 tons within 18 to 24 months. As compensation for the building of these two yards a fee of about 6 per cent of the total cost of the work is to be offered, with rewards for savings on cost and for speed in delivery.

Ships now under construction for private account will be commandeered, and private ship yards will be federalized by giving them government help and putting them on a war basis of speed.

It is estimated that the program will yield 5,860,000 new tonnage within the next 24 months, and Charles H. Grasty, writing from London, states that actual sinkings by U-boats for the first six months of 1917 were 3,507,257 tons, and at the present rate it will exceed 7,000,000 tons for the year.

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## Supreme Court Decisions

**Unfair Discrimination in Buying Wheat.**—Under Laws 1913, c. 8, a conviction for unfair discrimination in buying wheat cannot be had unless there is some evidence from which a wrongful intention of the accused can be inferred.—*State v. Rocky Mountain Elevator Co.* Supreme Court of Montana. 158 Pac. 818.

**Notice to Carrier of Loss.**—A stipulation in the B/L requiring claim for loss to be made in writing to the carrier within four months after delivery, or after a reasonable time for delivery has elapsed, is valid and binding on the parties under the Interstate Commerce Act Feb. 4, 1887, c. 104, 24 Stat. 379.—*Metz Co. v. Boston & M. R. R. Co.* Supreme Judicial Court of Massachusetts. 116 N. E. 475.

**Action for Misrouting.**—The state courts have jurisdiction of an action against a carrier for damages occasioned by the misrouting of an interstate shipment, by which a privilege of milling in transit was lost, which would have been available if the shipping directions had been followed.—*McCullough v. M. P. Ry. Co.* Supreme Court of Kansas. 160 Pac. 214.

**Seller's Choice of Remedies.**—Upon buyer's refusal to accept goods, the seller may keep the property subject to buyer's order after making tender thereof and sue for balance of purchase price, or may sell goods for best price obtainable and recover difference between amount obtained and contract price.—*Wigan v. La Follet.* Supreme Court of Oregon. 165 Pac. 579.

**Notice of Non-Delivery.**—Where goods are consigned by a shipper to its own order, with directions to notify a person named, upon failure of the carrier to deliver the goods it is not sufficient that it notify such person, but it must notify the consignee, if the B/L shows that he is the owner of the goods.—*Stoddard Lumber Co. v. O.-W. R. & N. Co.* Supreme Court of Oregon. 165 Pac. 363.

**Bs/L.**—A "bill of lading" is at once a receipt and a contract. In its twofold character of receipt and contract, the B/L is subject to different rules of construction. In so far as it is merely a receipt, either party may explain or contradict it by parol evidence; but as a contract it must be construed according to its terms.—*Knapp v. M., St. P. & S. S. M. Ry. Co.* 159 Supreme Court of North Dakota. 159 N. W. 81.

**Assignment of Draft.**—The fact that a draft drawn by the consignee of a car of wheat in favor of a bank was attached to a shipper's order B/L in favor of the consignee, standing alone would make the bank the owner of the fund collected, unless they had in turn been assigned to its correspondents.—*West Texas National Bank v. Wichita Mill & Elevator Co.* Court of Civil Appeals of Texas. 194 S. W. 835.

**Speculation for Individual or Company.**—In an action by the receiver for an elevator company against a corporation conducting a grain commission business in which the principal question at issue was whether certain speculative transactions conducted through defendant and on account of which it was given checks of the elevator company signed by its secretary were those of the company or of the secretary personally, testimony of an officer of defendant in answer to questions by its counsel based on the assumption that the transaction were those of the elevator company, held incompetent, and other testimony of the witness as to his understanding, held immaterial and irrelevant and erroneously admitted over plaintiff's objections.—*Porter v. F. M. Davies & Co.* U. S. Circuit Court of Appeals. 223 Fed. 465.

**Sale of Grain.**—Where two owners of elevators, each of whom had on hand a quantity of rye less than a car load, agreed to fill a car together, and defendants placed in the car a quantity which they figured about 845 bushels, and sent it to plaintiff, who filled the rest of the car, mingling his rye with defendants', and sold the car load, plaintiff was acting as agent for defendants in making the sale of defendants' grain.—*Remer v. Goul.* Supreme Court of Michigan. 152 N. W. 91.

**Carrier Liable for Deterioration During Delay.**—Where neither the shipper nor the carrier had any reason to believe that the shipment of beans would spoil after four or five days in a closed car, and the beans spoiled in consequence of negligent failure to transport them within a reasonable time, the carrier could not relieve itself from liability on the ground that it had no notice that the beans were in an abnormal condition.—*Lyons v. Grand Trunk Ry. Co.* Supreme Court of Michigan. 152 N. W. 88.

**Notice to Carrier of Loss.**—Under B/L making it a condition precedent to recovery of damages for loss in shipment that the shipper give notice in writing of his claim to a general officer or the nearest local station agent, it was a question for the jury whether the stipulation was complied with, where the shipper orally notified the station agent, who wrote out the claim, but the shipper himself was uncertain whether he signed it.—*Pickle v. Frisco System.* Supreme Court of Mississippi. 75 South. 448.

**Market Reports Evidence of Value.**—Where, in an action for breach of contract to deliver corn, there was evidence that the price of corn in Kansas City had a definite relation to the price at points contemplated as delivery points in Texas, and that the prices in Texas were principally influenced by the Kansas City market, published market reports of the Kansas City market were properly admitted in evidence.—*Walker Grain Co. v. Denison Mill & Grain Co.* Court of Civil Appeals of Texas. 178 S. W. 555.

**Broker Liable If Principal Undisclosed.**—Where defendant in his own name sold corn to plaintiff, he was liable for a breach of the contract, though the paper on which the contract was written bore a printed notice that he was liable as a broker, since an agent contracting in his own name without disclosing the name of his principal is personally liable on the contract, especially as it did not appear that defendant was acting for any principal.—*Dorman v. Boehringer.* Court of Civil Appeals of Texas. 195 S. W. 669.

**Carrier Not Liable When Holder of False Bs/L Has Knowledge of Fraud.**—Commission merchants, having sufficient knowledge to put them on inquiry, could not recover from the carrier for damages sustained by reliance on fraudulent Bs/L which did not represent actual merchandise. In action for carrier's diversion of grain shipment upon which plaintiffs held Bs/L, defense that from knowledge of other transactions plaintiffs should not have relied on bills was without merit, since the only good defense would be an actual showing of consent or acquiescence on plaintiffs' part.—*Knight & McDougal v. Delaware & Hudson Co.* Supreme Court of New York. 165 N. Y. Supp. 583.

**Evidence of Weight.**—Evidence as to inaccuracy in weights of other carloads shipped by plaintiff at about the same time was offered to show the inaccuracy of plaintiff's scales. This was evidence of facts collateral to the issue. Its reception or rejection rested largely in the discretion of the trial court. There was some question whether sufficient foundation was laid, since the shipments as to which the proof was offered were made under circumstances differing from those which surrounded the shipments in controversy in the action. The rejection of the testimony was within the court's discretion.—*State Elevator Co. v. Great Northern Ry. Co.* Supreme Court of Minnesota. 158 N. W. 399.

**Warehousemen's Lien.**—A warehouseman's lien, for storage charges merely on property deposited with him, is not superior to a claim of homestead set apart under the provisions of Civ. Code 1910, § 3416 et seq. This is true although the homestead may have been set apart after the accrual of the storage charges on the property. In such a case the warehouseman has a lien only on the property bailed, and not such a property right therein as will defeat the homestead.—*Morrow Transfer & Storage Co. v. Whitson.* Court of Appeals of Georgia. 92 S. E. 761.

**Permission to Inspect.**—An initial carrier was not guilty of conversion of goods when it failed to prevent an inspection by the buyer prior to his payment of the draft attached to the B/L, on the line of the delivering carrier, even though it resulted in the rejection of the goods and the non-payment of the draft. A purchaser of goods by sample has the legal right to inspect them on arrival and before payment of the seller's draft attached to a B/L and without production of the bill of lading, to ascertain whether they correspond to sample, and, if not, to refuse to take them.—*Model Mill Co. v. Carolina, C. & O. Ry. Co.* Supreme Court of Tennessee. 188 S. W. 936.

**Carrier Liable to Seller on Buyer's Rescission for Delay.**—Under an order for the delivery of goods, "draft with B/L payable upon arrival and examination of goods," and providing that shipment should be within ten days, the buyer could rescind the contract where the goods were delayed an unreasonable time in transit. Where a seller consigned goods to its own order and forwarded the B/L with draft attached so as to retain title, and there was an unreasonable delay in transit, so that the buyer rescinded the contract, the seller had an action against the carrier for failure to deliver in a reasonable time.—*Isbel-Brown Co. v. Stevens Grocer Co.* Supreme Court of Arkansas. 175 S. W. 1158.

**Action of I. C. C. on Car Shortage Not Subject to Court Review.**—The jurisdiction of the Federal district courts, under the Acts of June 18, 1910 (36 Stat. at L. 539, chap. 309), § 1, and Oct. 22, 1913 (38 Stat. at L. 208, 219, chap. 32, Comp. Stat. 1916, §§ 992, 993), of "cases brought to enjoin, set aside, annul, or suspend in whole or in part any order of the Interstate Commerce Commission," does not extend to a suit to set aside an order of such Commission, fixing a future day and place for the hearing of certain complaints made to it by certain coal companies seeking damages for the alleged failure of certain interstate carriers to furnish coal cars on demand, and to enjoin proceedings upon such complaints. The action of the Commission was not an "order" within the meaning of the statutes, but was a mere incident in the proceedings.—*U. S. and I. C. Commission v. Ill. Cent. R. R. Co.* Supreme Court of the United States. 37—Sup. Ct. Rep. 584.

**Liability of Bank for Margins.**—Where the cashier of a bank was requested by the company acting as agent for him in conducting speculative transactions on the Chicago Board of Trade to deposit with the company an additional \$3,000 as security for the transactions, and the cashier sent to the company his worthless check, which the company sent to the bank for collection, where it was received by the cashier, who, in its place, sent to the company a certificate of deposit for \$3,000, the company having no interest in the transaction on the Board of Trade other than as agent for the cashier, neither the company nor the cashier having deposited in the bank any money or anything of value for the certificate of deposit, the bank was not liable on the certificate, though the cashier in issuing it assumed to act in his official capacity, since an agent cannot act to bind his principal when he has an adverse interest in the transaction.—*Adolph Kempner Co. v. Citizens Bank of Akron.* Appellate Court of Indiana. 116 N. E. 440.



### Crop Improvement.

GROWERS of winter rye in the southeastern states are urged by the Department of Agriculture to save it for seed, on account of the general failure of the winter oat crop in this section.

SEEDING WHEAT at the rate of 2 pecks to the acre produced as large yields as 4, 6 or 8 pecks when sown before the last week in September, according to experiments reported by W. M. Jardine of the Kansas Exp. Sta. After that date the heavier seeding produced larger yields on the average. This condition progresses until the 8-peck rate, sown between the second week of October and Nov. 1, produces nearly twice as large yields as the 2-peck rate. This is explained by the heavy stooling of Turkey winter wheat when sown early in the season.

WHEAT YIELDS for 1917 as given in the circular issued July 20 by the University of Illinois Agricultural Exp. Sta., show

that in the Unionville experiments 20 bushels per acre were obtained on well treated land, against less than 5 bushels on untreated land. As an average of results for 1915 and 1916, the acre-yields of wheat on this field were 7.7 bushels on untreated land, 9.4 with organic matter (manure or crop residues), 16.4 with organic matter and limestone, and 22.6 bushels with organic matter, limestone and raw rock phosphate. These results also emphasize the necessity of giving preference to shipments of limestone and phosphate ordered by farmers for soil building.

EVERYONE who is contemplating sowing winter wheat this fall should provide for his seed supply as soon as possible, advises the Department of Agriculture. It will be necessary to ship seed wheat into those sections where the wheat winter-killed badly. In other sections which produced a good crop, the best of that crop should be conserved either on the farms or in country elevators to meet the local and distant demands for seed

purposes. In order that they may render effective service in aiding the distribution of seeds, the Bureau of Markets, United States Department of Agriculture, and the various State and local organizations will appreciate receiving the names of persons who wish to buy or sell seeds.

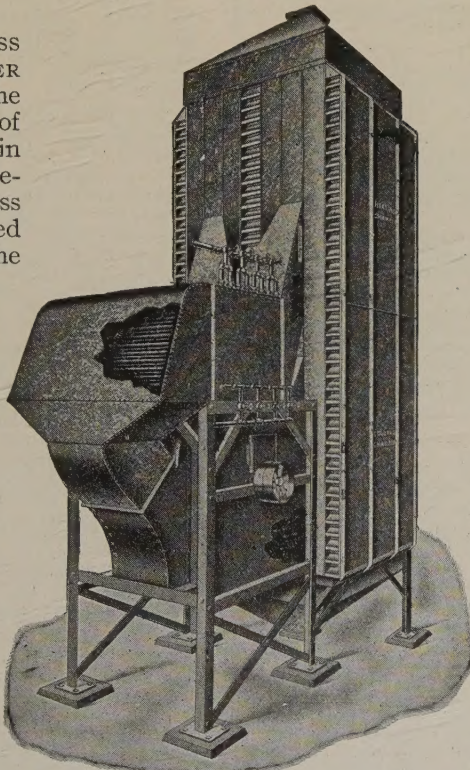
SWISS CROPS, according to reports received from all parts of the country, showed average condition, in terms of percentage of the average crop for 10 years, for June, 1917, and June, 1916, as follows: Winter wheat, 95% in 1917 and 102% in 1916; summer wheat, 98% in 1917 and 103% in 1916; spelt, 100% in 1917 and 106% in 1916; winter rye, 95% in 1917 and 106% in 1916; summer rye, 99% in 1917 and 103% in 1916; winter barley, 98% in 1917 and 104% in 1916; summer barley, 100% in 1917 and 101% in 1916; oats, 100% in 1917 and 103% in 1916; corn 103% in 1917 and 107% in 1916.—Commerce Reports.

## WET HARVESTS

call for every effort to save and condition grain too damp for storing or shipping. A small investment in **HESS DRIERS** and **OUT DOOR CONDITIONERS** is quickly repaid and you are able to "do your bit" in the way of saving the food supply.

WITH a HESS GRAIN DRIER you can reduce the moisture content of any kind of grain or seed to any desired point. Hess Driers are used everywhere by the largest grain dealers; by the grain handling railroads; at all points of grain export; and at many points abroad.

They are made in ten regular sizes, for continuous flow or separate charge in batches, to suit any requirements, from the smallest mill to the largest export elevator.

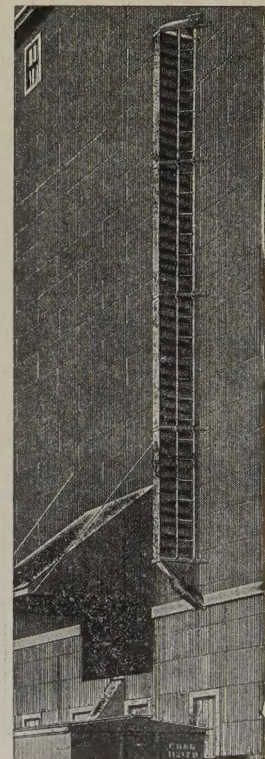


The Hess Portable Drier (A Car Load A Day.)

THE HESS OUTDOOR GRAIN CONDITIONER is attached to the outside of your mill or elevator. It will cool heating and sweating grain, sweeten musty or fermenting grain, cleanse and brighten dusty and dull grain, and improve the quality generally. It operates by concentration of the wind upon the grain while it is stirred and moved by gravity. No heat, no fans nor other machinery are required, and it takes up no space in your elevator. We furnish it in various sizes to meet any requirements.

It will repay its cost many times in a single season, in improvement of grain passed through it.

Sold on thirty days' trial. We pay freight both ways if you are not pleased.



**ANTICIPATE YOUR WANTS:** Men and material are scarce and railroads are slow. Orders placed promptly will be filled promptly.

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907 Tacoma Building, Chicago

Brown-Duvel Moisture Testers also—with glass or copper flasks—for gas, gasoline, alcohol or electricity.



## Patents Granted

**1,232,865. Dust Collector.** (See cut.) William Hatton Stevens, Altoona, Pa. In a mechanism, a blower, an exhaust chamber, and a conduit thru which air is forced to the chamber, the conduit comprising in sequence from the blower to the exhaust chamber a collecting vessel and a baffled passage having means for delivering steam thereto.

**1,232,778. Car-Seal Holder.** (See cut.) Olive Eggen, Rushford, Minn. A tubular support having a longitudinal slot therein to receive a plurality of objects, a retaining member formed of a strand of wire with spring arms provided with loops to engage the support, one of said arms being yieldably engaged with the object inserted in the slot and the other arm rotatably engaged with the support.

**1,232,759. Preventing Ravages of Weevils.** Thomas G. Blacklock, Brooklyn, N. Y., assignor to Peter B. Olney, Jr., trustee, New York, N. Y. A material for repelling and preventing the attacks of weevils on food products, having as its substantial constituent the active principle characteristic of the odor of the celery plant; the same being used in an adhesive substance to glue together the paper which forms a container for food and the like.

**1,233,818. Grain Car Door.** (See cut.) Gustav A. Spelbrink, Ivanhoe, Minn. A door frame having a side with a flange extending in the direction of the opposite side of the door frame, two rods provided with eccentrics and pivoted one at each side of the door frame parallel therewith, two doors normally disposed one above the other, flanges on the doors for moving with the doors to positions where the second flanges will engage with the first flanges, and hinges secured to the doors and slidably mounted on the eccentrics.

**1,233,641. Automatic Weighing Scale.** (See cut.) Alfred W. Brown, assignor to W. & T. Avery, Ltd., Smethwick, Eng. The combination of a beam, a hopper for receiving the material to be weighed, a weight box normally carried by the beam, a steel-yard and poise weights thereon adapted to weigh the residue, means for coupling and uncoupling the weight box

from the steel-yard whereby the weight box is alternatively dependent from the beam or from the residue weighing steel-yard, and means for obtaining a record of the weight of the residue.

**1,233,623. Grain Carrier.** (See cut.) Fritz S. Vogeler and Henry S. Sprecher, Greeley, Neb. A tiltable receptacle having elevating means to lift it adjacent to a wall, a latch normally engaging the elevating means to hold the receptacle upright, and a latch operating trip operable when the receptacle reaches a predetermined point whereby the receptacle may be tilted; together with means carried by the receptacle in advance of the latch for protecting against release during the upward and downward movement of the receptacle.

## Changes in Rates

As shown by tariffs recently filed with the Interstate Commerce Com'n the carriers have made the following changes in rates:

**C., R. I. & P.** has filed tariffs adopting the rates of the Keokuk & Des Moines Ry. **P., C., C. & St. L.** in Sup. 5 to Ohio P. 527 gives the car demurrage charges and new average agreement.

**Monon** has issued cancellation notice cancelling the rates in whole or part of 33 supplements to different tariffs, effective June 15.

**P., C., C. & St. L.** has issued a list of all tariffs and supplements giving rates on classes and commodities suspended until Oct. 29 to stations in Illinois.

**C., R. I. & P.** is now circulating the special supplement issued May 14 suspending until Jan. 1, 1918, the changes in minimum weights on grain and wheat flour.

**Monon** in suspension notice No. 116 issued June 29 suspends until July 31 numerous tariff supplements, and has issued similar suspension notices Nos. 118, 115, 104-C, 117 and 114-A.

**Santa Fe** in Sup. 53 to 5588-J gives local, joint and proportional rates on grain and grain products between points in Kansas, Colorado, Missouri and Oklahoma, and Superior, Neb., and Kansas City, St. Joseph, Atchison, Leavenworth, Chicago, Peoria and Mississippi River points, effective June 30, except that effective Aug. 12, the charge for cars of grain or seeds set back or run by for inspection will be reduced to \$2.

**MICHIGAN** farmers are going to hold their wheat for \$3 says County Agent A. B. Cook of Owosso.

**TRACK BUYERS** will be here as usual, but the difficulty in securing cars and the extra labor in handling grain we think will cut down their business this year materially.—Jerome Milling and Elevator Co., Jerome, Idaho.

**THE GOVERNMENT** has assumed control of the Baldwin Locomotive Works. The energies of the enormous plant will be devoted to making engines for use in Europe. The allied countries are to be supplied and the lines in France to be used by American troops will be equipped from this plant.

**J. W. SHORTHILL** of York, Neb., Sec'y of the National Council of Farmers Co-operative Ass'ns, has addressed a letter to senators and representatives in which he states that the grain growers are ready for food control and will welcome it, but if the legislation is going to appeal to them as just it must confer power to exercise the same control over every other necessary when unusual conditions demand it.

## Elevator Casualties.

**Joseph Mahoney**, employed by the Sidell Farmers Grain Co., at Sidell, Ill., was resetting a dump June 22 and fell thru the opening to a floor about 16 feet below, fracturing a lower arm and dislocating an elbow.

**Calvin Chestnut**, an employe of Stark-weather & Wilson, Clay Center, Kan., was getting natural ice out of a store house on June 16 and scratched his hand on a protruding nail. Failure to apply first aid resulted in infection.

**Benjamin T. Shortridge**, employed by the Farmers Grain Co., at New Berlin, Ill., was constructing a scaffold to erect a dust spout July 5 when a board slipped and mashed his hand.

**Green L. Robinson** had his leg broken June 25 when a passing locomotive struck a grain door and threw it against him while he was cleaning a boiler at the plant of J. M. Current & Sons, Homer, Ill.

On July 13 **Frank Tharp**, an employe of the Kelso Grain Co., at Cherokee, Kan., stepped on a nail which protruded from a board in old lumber scattered on the ground near where he was repairing a grain bin. On July 17 the same man cut his thumb while using a rip saw.

**M. J. Smith** was repairing an elevator leg at the plant of the Speltz Grain & Coal Co., Albert Lea, Minn., June 11, when an overhead pulley fell on his head, inflicting a scalp wound.

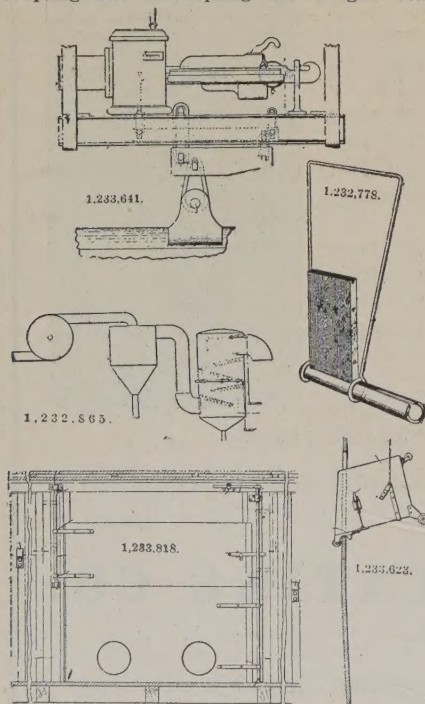
**TO THE SHINGLE ROOF** are credited the \$4,500,000 conflagration at Atlanta, Ga., this year, and three conflagrations of last year, at Paris, Tex., Nashville, Tenn., and Augusta, Ga.

**MICHIGAN** has been divided into 24 districts in each of which an experienced inspector will visit the grain elevators in the fire protection campaign which was inaugurated recently at a meeting in the office of the Michigan Millers Mutual Fire Insurance Co., at Lansing. L. H. Baker, who presided, called attention to the hazards of shingled roofs, open and broken windows, birds' nests, weeds, dry leaves, holes in iron siding, chaff and dust from cleaners and smoking. Consulting inspectors will be located at 7 different points in the state.

**A FIRE** at this time may mean not only the destruction of your plant, but it may put you out of business for many months. An Ohio elevator burned in April. The owners have not yet been able to get material with which to rebuild. An Indiana grain man had to give three different orders for lumber before he could get a delivery, and the last price was \$9 a thousand more than the first one. This is what you are up against. The best way to avoid this kind of trouble is to use a little extra care and not have a fire.—Our Paper.

## Books Received

**YIELDS OF WINTER GRAINS IN ILLINOIS**, by W. L. Burlison and O. M. Allyn, gives tables showing summary of results of tests conducted over a series of years with different varieties of winter wheat, rye, barley, emmer and oats at points in northern, central and southern Illinois. Gives valuable comparative data. Paper, 16 pages; published as Bulletin No. 201 by the Agricultural Experiment Station, Urbana, Ill.





# The GRAIN DEALERS JOURNAL.

## Insurance Notes.

FIRE PREVENTION, especially with regard to grain elevators, was the subject of a conference July 17 between John B. Sanborn, state insurance commissioner, with Chicago underwriters, at St. Paul, Minn.

SHINGLE ROOFED buildings' insurance rates in Texas have been increased from 15c to 25c, effective July 15, because of heavy conflagration losses recently suffered, causes attributed to shingle roofs.

"No SMOKING" and "No Admission" signs will be put up in Indiana elevators by authority of H. H. Friedley, state fire marshal, who has printed the signs and has had a gratifying response from grain firms.

LOCOMOTIVE SPARKS find an inviting lodging place in a pile of grain car doors against the wall of the elevator building. The grain doors that must be kept on hand should be piled away from the building.

A SECOND INSPECTION of all grain elevators and warehouses in Wisconsin will begin some time in September by direction of the National Board of Fire Underwriters, with special attention to cleanliness and enforcement of rule against smoking.

ONE HUNDRED field deputies will inspect the grain elevators and warehouses of Illinois under plans completed July 11 at the Springfield office of State Fire Marshal John G. Gamber. After their report a check will be made by R. C. Hosmer of Chicago.

GRAIN ELEVATOR and mill inspection in North Dakota will be looked after by an executive com'te of the state conservation ass'n with A. A. Comrie as chairman, it was decided July 18 at a meeting in the office of Insurance Commissioner Olsness at Fargo.

SHINGLE ROOFS in Louisiana will be taboo if the campaign inaugurated by State Fire Marshal Campbell is successful. They are now barred in New Orleans and the fire marshal is trying to have them prohibited in five other principal cities of the state.

THE NEBRASKA SUPREME COURT has held that the fact that a man receives higher wages after than before injury, does not estop payment of partial wages awarded as relief for compensation under the Workmen's compensation law. The fact that he increased his earning power by special preparation while injured does not remove the liability incurred when the accident happened.

CANNOT do without the Journal. Best paper we ever read.—Swearingen & Brandt Bros., Casstown, O.

THE GRAIN DEALERS JOURNAL is a great help to us, from the front to the back cover.—Lines & Boyd, Dunreith, Ind.

I TO NOT USE anything except the Universal Code, because I consider it so much better than all others.—R. A. Burns, Hoyt, Kan.

## How Fires Happen.

The manager was working down in the pit and had a lighted lantern. Being called to the surface, he left the lantern in the driveway while he went outside to transact his business. The wind blew the door open, the lantern was upset and the elevator started to burn. All the while the manager was busy and unaware of the trick the wind had played on him. A farmer passing by in his wagon looked in and saw what was going on. He had

been in the elevator before, and knew there was a barrel of water and a bucket on the work floor, so he at once got busy and saved the house.

There is a whole bushel of morals connected with this tale; but we will only mention two: 1. Don't set a lighted lantern down and go away and leave it. 2. When a farmer is kind enough to notice a fire in your elevator, always see that the necessary utensils are handy for him to save your property. He will appreciate it—*Our Paper*.

## CONSERVATION

Next to the war itself, conservation of food products is the big question before the country today. The elevator man as a guardian of the nation's food occupies the front line trenches, and it is his duty to see that all grain harvested starts on the way to the bread basket. The eyes of the nation are on its food warehouses, and the storing of grain in buildings containing DANGEROUS HAZARDS can no longer be tolerated. A FIRE FROM ANY CAUSE WILL BE A CALAMITY; A CARELESS FIRE WILL BE A CRIME.

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307 Grain Exchange  
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C. A. McCotter  
Secretary  
INDIANA POLIS, IND

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ORGANIZED 1902

## Tri-State Mutual Grain Dealers Fire Insurance Co. Luverne, Minn.

Average Annual Dividend to policyholders 53 PER CENT of the DEPOSIT PREMIUM  
Ask about the "TRI-STATE PLAN" for short term grain insurance.

E H MORELAND, Secretary

## NOTICE TO POLICY HOLDERS

One reason why you should exercise unusual care and diligence in protecting your property against fire is the delay and difficulty you would have in securing repairs or rebuilding owing to War Conditions.

Let us help you with our service on all known hazards.

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MILL OWNERS MUTUAL FIRE INSURANCE CO.  
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THE MILLERS MUTUAL FIRE INSURANCE CO.  
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TEXAS MILLERS MUTUAL FIRE INSURANCE CO.  
Of Fort Worth, Texas

MICHIGAN MILLERS MUTUAL FIRE INSURANCE CO.  
Of Lansing, Mich.

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## Wagon Loads Received

A book for the use of country grain buyers in keeping a record of grain received from farmers.

Its column headings are: Month, Day, Name, Kind, Gross and Tare, Net Pounds, Bushels, Pounds, Price, Dollars, Cents and Remarks.

The book is 9½x12 inches, 160 pages, 20 lines to each page, giving room for recording 3,200 loads, printed on Linen Ledger Paper and is well bound in strong board covers with leather back and corners. Order Form 380. **Price, \$1.75**

## GRAIN DEALERS JOURNAL

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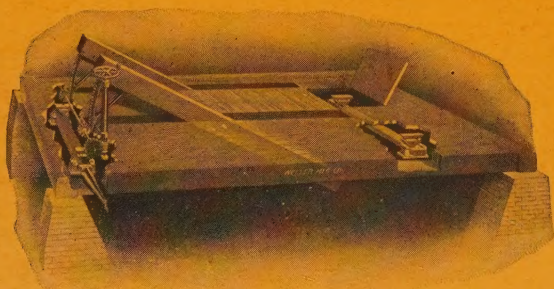
## PRECISION

in removing moisture from grain at the existing high prices is of extreme importance. To illustrate: The removal of one-half of one per cent too much moisture from 1,000 bushels of corn at \$1.70 per bushel means a loss of \$8.50. The Ellis Continuous Feed Drier is designed for drying grain under close limits and will meet your most exact requirements.

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## The Wagon Dump That Has No Equal



The Weller Worm Geared Wagon Dump has no chains to break and no brake to slip and injure horses or wagons.

Does away with all former objections and is self-locking in any position.

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